

SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

Published Monthly Since 1969 • Our 26th Year
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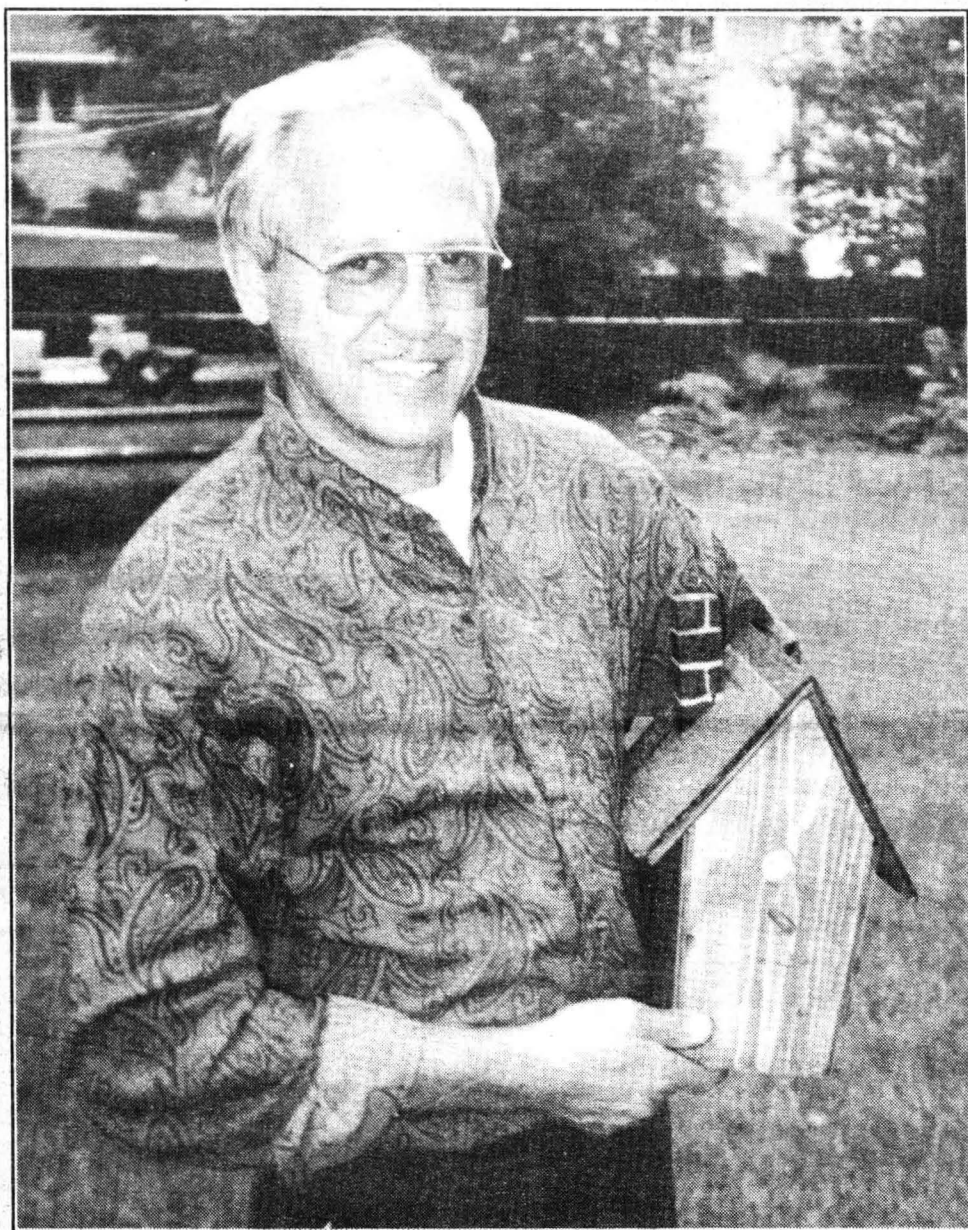
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The Bird is the Word



Mike Jackson, WB9BBI, of Appleton, Wisconsin, proudly displays a bird house. Why a bird house has a connection with Amateur Radio is revealed on page 7, where you will read how the house helps when "robin" fellow hams and making them "owly" (and sometimes feeling like turkeys), while leaving a few who are "eagle" to a challenge the opportunity to "crow".

PRB-1 Provides Another Tower Victory in Court

PRB-1 helps win another one.

An amateur in Lyme, CT, has won a federal court go-ahead to install a 78-foot tower after a battle of some three years. F. Parker Heinemann, W1YG, was denied a special exception permit by the town planning and zoning commission. He then filed a civil suit against the town.

"I think federal law is on the side of ham radio operators in this case."

U.S. District Judge
Gerard L. Goettel

In late October, U.S. District Judge Gerard L. Goettel said that the town had acted in good faith based on the information it had at the time of the application, in March 1991, but order(ed) the tower approved because, the judge said, "I think federal law is on the side of ham radio operators in this case."

- ARRL Bulletin ARLB098, 12/16/94

Wisconsin Radio Amateurs Working to Make PRB-1 State Law

Several radio amateurs in Wisconsin have contacted their state representatives and senators to codify PRB-1 as Wisconsin law.

Verne Teske, W9RYA, Wisconsin ARRL Section State Government State Liaison, is tracking these efforts. He had expected to have a story prepared for this issue of *Badger State Smoke Signals*, but other matters have postponed that story until our February issue. One of those matters is a city tower ordinance that appears to be much too restrictive to meet PRB-1 requirements. Verne is providing assistance to hams in that city.

If you have contacted your state legislator(s), please let W9RYA know. □

HAPPY NEW YEAR!

From the volunteer writers, authors, cartoonists, photographers and staff of *Badger State Smoke Signals*

ELMER



By Rich Regent, K9GDF

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WHAT'S HAPPENING

✕ Swapfests and Other Social Events ✕ Club Meetings ✕ Amateur Radio Exam Schedules

EDITED BY KENNETH A. EBNETER, K9EN, 822 WAUONA TRAIL, PORTAGE, WI 53901

Swapfests and Other Social Events

SUNDAY, JANUARY 8, 1995. Midwinter Swapfest sponsored by the West Allis RAC. Contact WARAC, PO Box 1072, Milwaukee, WI 53201.

SUNDAY, FEBRUARY 26, 1995. SEWFARS 146.82 Repeater Society, Inc./MACE The Milwaukee Computer Club Swapfest and Computer Fair. at Kuqitsch's Entertainment Center, 1600 W Cleveland Ave., New Berlin, WI, 6:00 a.m. to 2:00 p.m. Amateur Radio exams held, bring your paperwork with you. Admission \$3.00. 4' tables \$4.00. Electrical outlets \$5.00. Reservation deadline, February 11, 1995. Send check and SASE to SEWFARS/MACE Swapfest, PO Box 102, Delafield, WI 53018. Telephone (414) 771-1250, Fax (414) 542-7474, or LL BBS (414) 789-1034. Or inquire on 146.82.

SATURDAY, FEBRUARY 11, 1995. MIDWINTER MADNESS, 1995. at the National Sports Center, Blaine, MN. Contact: Robbinsdale ARC, PO Box 22613m Robbinsdale, MN 55422 (612) 537-1722.

TUESDAY, FEBRUARY 28, 1995. Northern Wisconsin Radio Club Auction. Contact: Steve Hart, KA9OMC, Route 1, Box 54, Knapp, WI 54749.

SUNDAY, APRIL 2, 1995. Madison Swapfest. For information on booths, tables and tickets contact: MARA, PO Box 8890, Madison, WI 53708-8890.

SATURDAY, MAY 13, 1995. Lakeshore Hamfest. Contact: ManCoRad. PO Box 204, Manitowoc, WI 54221-0204.

SATURDAY, JULY, 8, 1995. South Milwaukee Swapfest, Oak Creek, WI. Contact SMARC, po box 102, South Milwaukee, WI 53172. (414) 762u-3235.

SATURDAY, AUGUST 26, 1994. Riverland

Hamfest-Computer Expo and Antique radio show. La Crosse, WI. Contact: dick Low, KOJYB, 1520 Nakomis Ave., La Crosse, WI 54603. (608) 784-9176.

SATURDAY, SEPTEMBER 2, 1995. Hayward, WI Hamfest. Sponsored by Namekaqon Valley Wireless Association. Held at the Armory in Hayward from 7:00 a.m. to 3:00 p.m.

See also the back page and flyer ads for additional information on many of these events.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Club Meetings



Due to space limitations we cannot always carry the full listing of Wisconsin and area club meetings. Please save the following listings for your future reference. We hope to have the full listing at least three times a year, and will carry any changes or additions between full listings.

month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebnetter.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter.

Swapfest information should be sent to Ken Ebnetter. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. **THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.** This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901. *Badger State Smoke Signals* is incorporated as a Wisconsin non-stock, non-profit organization.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

EDITOR: Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031.

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CONTRIBUTING AUTHOR: Richard R. Regent, K9GDF, 5003 South 26th Street, Milwaukee, WI 53221.

Subscriptions

| | | |
|---------|---------------------------|---------|
| 1 year | (12 issues) | \$12.00 |
| 2 years | (24 issues - save \$2.00) | \$22.00 |
| 3 years | (36 issues - save \$4.00) | \$32.00 |

Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than **FIVE DAYS** after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that

ARROWHEAD RADIO AMATEUR CLUB, INC.
(Superior, WI)

The monthly meeting of the ARAC is held on the second Tuesday of the month at the WITC Conference Center, 600 N. 21st Street, Superior, Wisconsin, at 7:30 p.m. Board meetings are held prior to the regular meeting.

BADGER AMATEUR RADIO SOCIETY
(W9YT - U. W. - MADISON)

Monthly while school in session - 2nd Tue. - 5:30 p.m. - B-265G. Electrical Engineering Bldg. For more information call (608) 262-1142.

CENTRAL WISCONSIN RADIO AMATEURS, LTD.
(STEVENS POINT)

Second Wed..

EAU CLAIRE AMATEUR RADIO CLUB

2nd Tue. - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, quests welcome. Travelers welcome on wide area club repeater K9UXP, 146.31/91.

FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)

First and third Tues - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave., room "C" downstairs. It is the next building west of the Hill Farms State Office building. The meetings start promptly at 7:30 pm.

FOX CITIES AMATEUR RADIO CLUB

Third Mon. - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 766-3886.

GREATER MILWAUKEE DX ASSOCIATION

Fourth Mon. of the month at 7:30 p.m. Contact any GMDX member or Dan Reese, N9XX, (414) 529-9806 (before 9 p.m. please) for meeting location.

GREEN BAY MIKE AND KEY CLUB

Second Thur. 7:30 pm - Media Services area of the J. M. Science Building at St. Norbert College in DePere.

GREEN FOX AMATEUR RADIO CLUB

Third Mon. - 7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

KETTLE MORAINES RADIO AMATEURS

Second Fri., 7:30 p.m. at the Waukesha County Technical College, Campus Science Building, Room 102. Talk-in on the N9KS 147.39 repeater.

LAKESHORE RPTR. ASSN.

Last Tue., Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

MADISON AREA REPEATER ASSN

Here are the meeting dates for MARA for 1994: January 10, 1994, March 14, 1994, September 12, 1994, November 14, 1994

MANITOWOC COUNTY RADIO AMATEURS

Directors Meeting: First Wed. Held at 7:30 p.m. in the basement, Manitowoc City Hall, 817 Franklin St., Manitowoc.

General meeting: Second Wed. Held at 7:30 p.m. at Associated Manitowoc Bank, corner of 8th and Franklin Streets.

MENOMONEE FALLS AMATEUR RADIO CLUB

Last Tue. - Doors open 7:30 p.m., meeting begins 8:00 p.m. - Security Savings and Loan, Menomonee Falls. Amateurs and quests welcome.

MILWAUKEE RADIO AMATEURS CLUB

Last Thursday evening, Wauwatosa Savings and Loan (lower level) at 7500 W. State St. in Wauwatosa. Meetings begin at 7:30 pm.

NORTHWOODS ARC (RHINELANDER WI)

Third Tue.. Doors open at 7:00 p.m. Meeting at 7:30 p.m. South Park School, Rhinelander, WI. Talk-in on 146.93/.34. All interested visitors to the Northwoods are welcomed.

OSKOSH AMATEUR RADIO CLUB
(see Winnebago ARC listing)**OZAUKEE RADIO CLUB**

Second Wed. - 7:30 p.m. - Grafton Multipurpose Senior Center.

QCWA - WISCONSIN CHAPTER #55

Contact Erwin Froelich, W9RZW, Treasurer, Rte 1 Box 177D, Pine River WI 54965. For information about meeting dates or joining QCWA Chapter #55. The Wisconsin Chapter holds Spring and Fall dinner meetings.

QCWA - SOUTHEAST WISCONSIN CHAPTER #162

Meets third Mon. monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

RACINE MEGACYCLE CLUB

Second Mon., 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

RED CEDAR REPEATER ASSOCIATION, INC.

4th Tue. - 7:30 p.m., September, October, November, January, March and April. Peppermill Restaurant, Thunderbird Mall North, Menomonie, WI. Guests welcome.

RIVERLAND AMATEUR RADIO CLUB

First Tue. - 7:00 p.m. - Onalaska Community Center, Onalaska WI.

ROCK RIVER RADIO CLUB

Monthly - first Tue. - 7:00 p.m. at Dodge County Sheriff's Department, 141 N. Main, Juneau, WI.

ARES Net: 146.04/146.64 Mon.s at 7:30 p.m. Sat.s on 7277 KHz at 10:30 a.m.

SHEBOYGAN COUNTY AMATEUR RADIO CLUB

Second Tue. - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

SOUTH MILWAUKEE AMATEUR RADIO CLUB

First Wed. - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC)
MEDFORD

Usually the 1st Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room/Red Cross office, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.15 (+600) repeater. Amateurs & guests are welcome. ARES Net, Wed. nights at 8:30 PM on 147.15 (+600) repeater. For info contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405, phone (715) 223-3996.

TRI-COUNTY AMATEUR RADIO CLUB

Meetings held at members homes. Usually monthly on Sunday afternoon. Contact: Glenn Eisenbrandt, (414) 563-6502 or John Saterlee, (414) 563-6381.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Second Thursday, 7:30 p.m., Washington County Court House. Net on Thursdays at 7:30 p.m. on 146.73.

WATERTOWN AMATEUR RADIO CLUB

First Thur. of the month at 7:00 p.m., The Watertown Public Library, 100 S. Water St., Watertown, WI.

WAUPACA AMATEUR RADIO CLUB

First Sat. in March, June, September and December, at 9:30 a.m. at the Waupaca Fire Station in downtown Waupaca.

"CQ First Tue." - A social gathering and dutch treat luncheon at the King's Table in King, WI, on Highway QQ just south of highways 10 and 54 on the west side of Waupaca.

WEST ALLIS RADIO AMATEUR CLUB

Second Tue. - 8:00 p.m. - St. Peters Episcopal Church, 7929 Lincoln Ave. Entrance is at rear of building on alley.

THE WINNEBAGO AMATEUR RADIO CLUB

(Formerly the Oshkosh Amateur Radio Club)

The Winnebago ARC welcomes all Amateurs and interested persons to join us at the Omro City Hall, on Webster Street. Meetings held the third Sunday each month, weather permitting. Talk in on 147.24 repeater.

For further information contact KB9IME, Dan Lenz, at (414) 233-7145.

WISCONSIN ASSOCIATION OF REPEATERS

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome, as well.

WISCONSIN RAPIDS AMATEUR RADIO CLUB

Third Wednesday, 7:00 p.m. Emergency Government Office, Wood County Court House. Talk-in on 146.79 for entry into the building.

Net on Sundays at 8:00 p.m. on 146.79.

WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)

First Tue. - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: Scheduled meeting dates:

The following is the YTARC meeting schedule for 1995.

| | |
|-----------|--------------------|
| Wednesday | February 15, 1995 |
| Thursday | March 16, 1995 |
| Tuesday | April 18, 1995 |
| Wednesday | May 17, 1995 |
| Thursday | June 15, 1995 |
| Tuesday | July 18, 1995 |
| Wednesday | August 16, 1995 |
| Thursday | September 14, 1995 |
| Tuesday | October 17, 1995 |
| Wednesday | November 15, 1995 |
| Thursday | December 14, 1995 |

All meetings will be at the Baraboo Civic Center, room 14, unless otherwise noted. Starting time for the monthly club meeting is 7:30 p.m.. The program start time after the meeting is 8:00 p.m., with a one hour limit.

Let Badger State Smoke Signals know your club's meeting dates, and we will let our readers know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

| | |
|-------------------|---------------------------|
| January 7, 1995 | Oak Creek, WI (SWAT/MRAC) |
| January 14, 1995 | Madison, WI |
| January 18, 1995 | West Allis, WI (MRAC) |
| January 21, 1995 | Loves Park, IL |
| January 21, 1995 | Milwaukee, WI (BE) |
| January 28, 1995 | Wauwatosa, WI (MRAC) |
| January 28, 1995 | Tomahawk, WI |
| February 4, 1995 | Oak Creek, WI (SWAT/MRAC) |
| February 4, 1995 | Racine, WI |
| February 4, 1995 | River Falls, WI |
| February 11, 1995 | Madison, WI |
| February 15, 1995 | West Allis, WI (MRAC) |
| February 18, 1995 | Loves Park, IL |
| February 18, 1995 | Milwaukee, WI (BE) |
| February 25, 1995 | Wauwatosa, WI (MRAC) |
| February 25, 1995 | Tomahawk, WI |
| March 4, 1995 | Oak Creek, WI (SWAT/MRAC) |
| March 4, 1995 | Racine, WI |
| March 11, 1995 | Marshfield, WI |
| March 11, 1995 | Madison, WI |
| March 15, 1995 | West Allis, WI (MRAC) |
| March 18, 1995 | Loves Park, IL |

| | |
|--------------------|---------------------------|
| March 18, 1995 | Milwaukee, WI (BE) |
| March 25, 1995 | Wauwatosa, WI (MRAC) |
| March 25, 1995 | Menomonie, WI |
| March 25, 1995 | Tomahawk, WI |
| April 1, 1995 | Oak Creek, WI (SWAT/MRAC) |
| April 1, 1995 | Racine, WI |
| April 1, 1995 | River Falls, WI |
| April 8, 1995 | Madison, WI |
| April 19, 1995 | West Allis, WI (MRAC) |
| April 15, 1995 | Loves Park, IL |
| April 15, 1995 | Milwaukee, WI (BE) |
| April 29, 1995 | Wauwatosa, WI (MRAC) |
| April 29, 1995 | Tomahawk, WI |
| May 6, 1995 | Racine, WI |
| May 6, 1995 | Cedarburg, WI (BE) |
| | Ozaukee Swapfest |
| May 13, 1995 | Madison, WI |
| May 13, 1995 | Oak Creek, WI (SWAT/MRAC) |
| May 17, 1995 | West Allis, WI (MRAC) |
| May 20, 1995 | Loves Park, IL |
| May 27, 1995 | Wauwatosa, WI (MRAC) |
| May 27, 1995 | Tomahawk, WI |
| June 3, 1995 | Racine, WI |
| June 3, 1995 | River Falls, WI |
| June 10, 1995 | Madison, WI |
| June 17, 1995 | Marshfield, WI |
| June 21, 1995 | West Allis, WI (MRAC) |
| June 17, 1995 | Loves Park, IL |
| June 24, 1995 | Wauwatosa, WI (MRAC) |
| June 24, 1995 | Tomahawk, WI |
| July 19, 1995 | West Allis, WI (MRAC) |
| July 15, 1995 | Loves Park, IL |
| July 29, 1995 | Wauwatosa, WI (MRAC) |
| July 29, 1995 | Tomahawk, WI |
| August 5, 1995 | River Falls, WI |
| August 16, 1995 | West Allis, WI (MRAC) |
| August 19, 1995 | Loves Park, IL |
| August 26, 1995 | Wauwatosa, WI (MRAC) |
| August 26, 1995 | Tomahawk, WI |
| September 2, 1995 | Oak Creek, WI (SWAT/MRAC) |
| September 2, 1995 | Racine, WI |
| September 9, 1995 | Madison, WI |
| September 16, 1995 | Marshfield, WI |
| September 20, 1995 | West Allis, WI (MRAC) |
| September 16, 1995 | Loves Park, IL |
| September 30, 1995 | Wauwatosa, WI (MRAC) |
| September 30, 1995 | Tomahawk, WI |
| October 7, 1995 | Racine, WI |
| October 7, 1995 | River Falls, WI |
| October 7, 1995 | Oak Creek, WI (SWAT/MRAC) |
| October 14, 1995 | Madison, WI |
| October 18, 1995 | West Allis, WI (MRAC) |
| October 21, 1995 | Loves Park, IL |
| October 28, 1995 | Wauwatosa, WI (MRAC) |
| October 28, 1995 | Tomahawk, WI |
| November 4, 1995 | Racine, WI |
| November 4, 1995 | Oak Creek, WI (SWAT/MRAC) |
| November 4, 1995 | Menomonie, WI |
| November 11, 1995 | Madison, WI |
| November 15, 1995 | West Allis, WI (MRAC) |
| November 18, 1995 | Loves Park, IL |
| November 25, 1995 | Wauwatosa, WI (MRAC) |
| December 2, 1995 | Oak Creek, WI (SWAT/MRAC) |
| December 2, 1995 | Racine, WI |
| December 2, 1995 | River Falls, WI |
| December 9, 1995 | Madison, WI |
| December 16, 1995 | Marshfield, WI |
| December 20, 1995 | West Allis, WI (MRAC) |
| December 16, 1995 | Loves Park, IL |

| | |
|--------------------------------------|---------------------------|
| Monthly, 1st Sat. | Racine, WI |
| (except January, July & August) | |
| Monthly, 2nd Sat. | Madison, WI |
| Monthly, 2nd Sat. | Oak Creek, WI (SWAT/MRAC) |
| (except June, July & August) | |
| Monthly, 3rd Wed. | West Allis, WI (MRAC) |
| Monthly, 3rd Sat. | Loves Park, IL |
| Monthly, Last Sat. | Wauwatosa, WI (MRAC) |
| (except December) | |
| Monthly, Last Sat. | Tomahawk, WI |
| (January thru October only) | |
| Quarterly | Marshfield, WI |
| (Second Saturday every third month.) | |

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

(continued on page 14)

Wisconsin Nets Association Ltd.

Art Evans, KA9KLZ, Secretary • 213 North Jefferson • Cuba City, WI 53807

Section Manager's Notes



Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221

Northern Wisconsin RC Auction February 28 at 7 p.m. American Legion Post in Eau Claire, contact KA9OMC for details.

Fox Cities ARC had a home made code key contest based on originality, craftsmanship and adaptability.

Sheboygan County ARC has been renewed as a SSC.

New QCWA Chapter 55 Chairman is KE9JJ.

If you would like to be an ARRL volunteer examiner then phone 800-927-7583.

It's time to appoint a Field Day activity committee and arrange site.

Club activity suggestions: hold seminar on good operating techniques, OSCAR, packet or other specialty operating modes; Explorer scout demonstration meeting, Valentine's Day message center.

Northwoods ARC interested in holding a hamfest on June 11, info from N9CLE of Tomahawk.

Chilichopper ARS has success with repeater in Kenosha area with N9OEZ and N9NLZ doing planning.

West Allis RAC will have program "Getting Started in Contesting" at February 14 meeting.

Exams: February 4 Racine; February 11 Madison, Oak Creek; February 15 West Allis; February 25 Wauwatosa, Tomahawk.

Sorry to report Silent Key W9BTQ of Menomonee Falls.

Wisconsin Nets

| Net | WNA | Freq. | UTC | CST | Mgr. |
|--------------------------------------|-----|-----------|------|------|--------|
| BWN | Yes | 3985 | 1200 | 0600 | W9AYK |
| BEN | Yes | 3985 | 1800 | 1200 | KE9VU |
| WSBN | Yes | 3985 | 2330 | 1730 | K9UTQ |
| WNN | Yes | 3723 | 0000 | 1800 | KA9FVX |
| WSSN | Yes | 3645 | 0030 | 1830 | N9BDL |
| WIN/E | Yes | 3662 | 0100 | 1900 | WB9ICH |
| WIN/L | Yes | 3662 | 0400 | 2200 | W9NGP |
| NWTN | Yes | 34/94 | 0030 | 1830 | NS9Q |
| (Rhinelander area) | | | | | |
| RCRA | No | 01/61 | 0030 | 1830 | KA9OMC |
| (Mondays CST) (Menomonee Area) | | | | | |
| Gr. Bay | No | 72/12 | 0245 | 2045 | WB9NRK |
| (Green Bay Area) | | | | | |
| ARES | No | 4.65/5.25 | 0200 | 2000 | |
| (South East/South Central Wisconsin) | | | | | |
| RACES | No | 3993.5 | 1400 | 0800 | WA9OAY |
| (LSB Sunday) | | | | | |

Thought for the month: *Even if you're on the right track, you'll get run over if you just sit there.*

Traffic: WB9YPY 2163, W9AYK 1494, W9CBE 399, K9FHI 241, KB9GFX 198, K9DHR 168, N9CKC 131, W9YCV 120, WA9JSW 119, N9BDL 111, N9KHD 90, KE9VU 61, AG9G 50, K9HDF 47, W9NGP 47, KA9KLZ 44, N9BCX 42, KA9FVX 41, KB9ENO 40, NS9Q 39, WB9ICH 36, K9JP 35, W9IHW 33, KA9BHL 32, K9UTQ 32, W9ODV 31, KG9B 31, K9GU 27, W9PVD 16, W9UW 14, N9JIY 10.

Brass Pounders League

| | | | |
|----------|------|-----|------------|
| WB9YPY 0 | 1246 | 103 | 814 = 2163 |
| W9AYK 0 | 871 | 100 | 525 = 1494 |

Public Service Honor Roll (November, 1994)

| Call | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
|--------|----|----|----|----|---|----|----|----|---|-------|
| K9DHR | 60 | 24 | 24 | 5 | 0 | 30 | 0 | 30 | 0 | 173 |
| W9YCV | 30 | 24 | 24 | 14 | 1 | 20 | 0 | 30 | 0 | 143 |
| N9BDL | 60 | 24 | 24 | 0 | 0 | 10 | 0 | 0 | 0 | 138 |
| KB9ENO | 60 | 6 | 0 | 2 | 0 | 30 | 10 | 30 | 0 | 138 |
| KA9KLZ | 60 | 9 | 0 | 1 | 5 | 30 | 0 | 30 | 0 | 135 |
| W9CBE | 60 | 24 | 24 | 4 | 1 | 10 | 0 | 0 | 0 | 123 |
| KA9FVX | 60 | 24 | 9 | 3 | 0 | 20 | 0 | 0 | 0 | 116 |
| AG9G | 60 | 24 | 18 | 0 | 0 | 10 | 0 | 0 | 0 | 112 |
| N9KHD | 60 | 12 | 24 | 1 | 0 | 0 | 0 | 0 | 0 | 97 |

Section Traffic Manager Needed

By Richard R. Regent, K9GDF

Interested in traffic handling and checking into nets? Then we've got a volunteer ARRL position just for you. It's called the ARRL Section Traffic Manager (STM).

What are the main duties? Collect and prepare accurate monthly net and public service honor roll reports and submit them to ARRL headquarters. This usually requires checking into a few SSB or CW nets the first five days of each month.

There are also opportunities to promote traffic handling, provide training, recruit new amateurs, issue Net Manager and Official Relay Station appointments and encourage net activity.

The STM should be a person familiar with traffic handling on all modes, must have at least a Technician class license, and be a Full Member of the ARRL.

Please get in touch with me soon if you know of someone who is too shy to volunteer, or if you would like to get more information.

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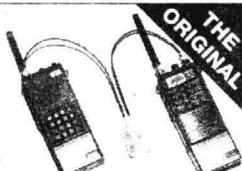
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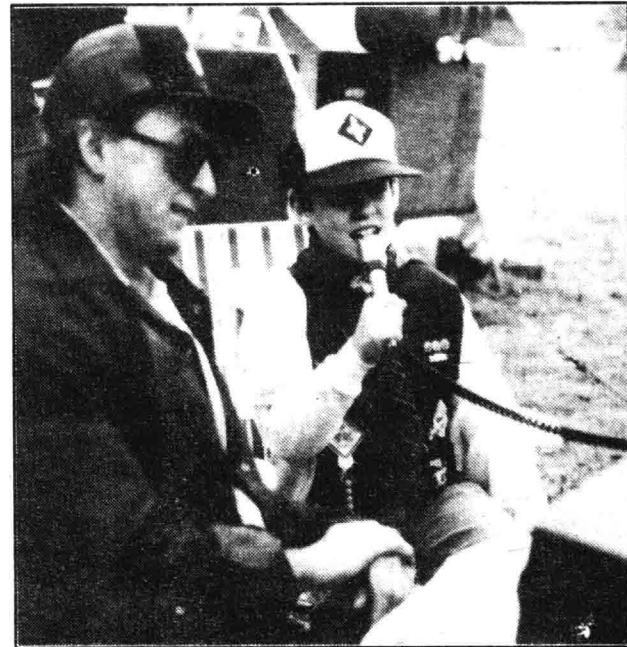
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Ham Radio and JOTA Mix Well at Camporee

By Bill Fletcher, AF9B

4358 Crawford Drive, Madison, WI 53711



The author and a Cub Scout enjoy a QSO at the Camporee.

A Boy Scout Camporee at Governor Dodge State Park, near Dodgeville, Wisconsin, was the site for a Jamboree on the Air (JOTA) '94 operation. The Camporee was jointly sponsored by the Four Lakes Council of Madison and the Sinnissippi Council of Janesville.

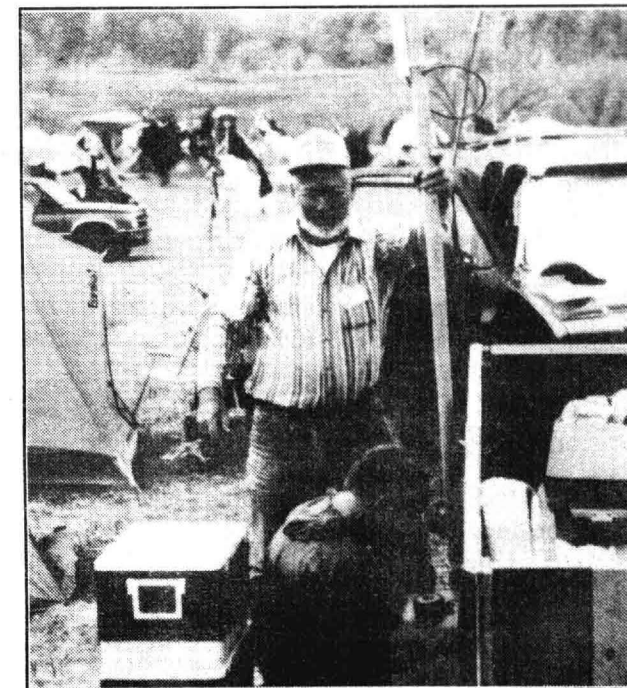
Amateur Radio operations started in the later part of Saturday morning, with Scoutmaster Bill Fletcher, AF9B, having the ham radio station set up where his troop was camped out in the park. The troop is sponsored by St. Maria Goretti Parish in Madison, Wisconsin.

Bill was able to operate on 75 and 40 meters with a dual-band dipole. 75 meters was so-so that day, so only a few QSOs were made. 40 meters was a different story. The band was wide open, with many QSOs made. Despite the congestion, he was able to make quite a few enjoyable contacts.

Tony, N9XHQ, had set up operation on 20 meters with his dipole and homebrew vertical. He also had success making contacts on that band.

Also helping with out set up were Tom, WT9E, and Floyd, N9OJN. Many thanks to them for their ourstanding help!

Ham radio operations ended late in the afternoon. We all had fun showing off our hobby on that beautiful, crisp fall day in October!



Floyd, N9OJN (standing), and Tony, N9XHQ, busily set up the vertical.

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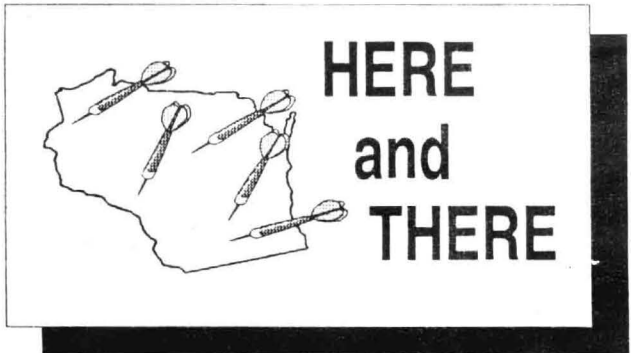
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New 144 MHz Record

A new tropospheric ducting, continental distance record has been reported on the 144 MHz amateur band. On November 5, Rene Shaw, WB4MJE, of Big Pine Key, Florida, and Serge Szpilfogel, VE1KG, of Halifax, Nova Scotia, worked over a 1687 mile path.

The previous record was 1468 miles, set by K5WXZ and K1RJH, and had stood since October, 1968.

WB4MJE is crucially located for this work at the southern tip of the Florida Keys.

This information comes from Al Ward, WB5-LUA, who maintains VHF and UHF North American distance record information for *QST*'s "World Above 50 MHz" column. Records on bands from 144 MHz to 678 THz are published in April *QST* each year.

- ARRL Bulletin ARLX033, 12/12/94

ARRL Foundation Helps Archie

The ARRL Foundation has agreed to match individual and club donations to the Archie Comic fund drive up to \$10,000. About \$19,000 is needed for another reprint of the comics. Tax-deductible checks may be sent to the ARRL Educational Activities Department at ARRL Headquarters (225 Main Street, Newington, CT 06111).



- The ARRL Letter, 11/12/94

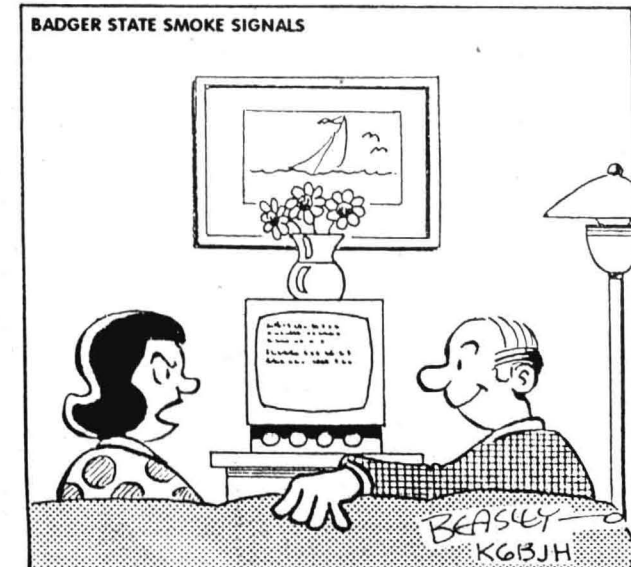
Two new Astrohams

Two more astronauts have qualified for Amateur Radio licenses: Mission Specialist Wendy Lawrence, KC5KII, and Payload Specialist Sam Durance, N3TQA. Both are scheduled to fly on mission STS-67 in late February or early March.

- ARRL Bulletin ARLB096, 12/16/94

Vanity call Update

The FCC authorization act that would have converted an annual regulatory fee for Amateur Radio so-called "vanity call signs" to a one-time application fee failed to pass in the last session of Congress. The bill, HR 4522, passed the House but failed in the Senate, despite a concerted last-ditch effort by ARRL to have the bill considered during the lame duck session December 1.



THAT'S NOT "THE ROAD TO MISERY," --- THAT'S YOUR PACKET MONITOR WE'RE WATCHING!

1995 Wisconsin QSO Party

Sunday, March 12, 1995
1800 UTC to 0100 UTC
March 13
(Noon until 7 p.m.
March 12 CST)



Rules, score summary sheet, dupe check list and full information will be published in the next (February) issue of Badger State Smoke Signals. The Wisconsin QSO Party is sponsored annually by the West Allis Radio Amateur Club, P.O. Box 1072, Milwaukee, WI 53201. You may write to WARAC for WQP info, if you wish. Please enclose a self-addressed, stamped #10 envelope.

Broadcasting and Cable magazine attributed the bill's defeat to opposition (to unrelated provisions) by the National Association of Broadcasters. The FCC now is expected to introduce a vanity call sign program with a 70 dollar(s) fee, renewable every 10 years. More information on this and other Washington matters will appear in January *QST*.

- ARRL Bulletin ARLB097, 12/16/94

FCC Issued Call Sign Update

The following is a list of the FCC's most recently issued call signs as of December 1.

| District | Group A Extra | Group B Advanced | Group C Tech/Gen | Group D Novice |
|-------------|------------------|---------------------|---------------------|-------------------|
| 0 | AA0UN | KG0RV | ++ | KB0PTK |
| 1 | AA1LM | KD1YE | N1TQD | KB1BLO |
| 2 | AA2UX | KF2ZD | ++ | KB2SOZ |
| 3 | AA3JD | KE3QE | N3TWX | KB3BFO |
| 4 | AE4AD | KS4IM | ++ | KE4TEA |
| 5 | AB5ZA | KK5FX | ++ | KC5LCE |
| 6 | AC6IA | KO6MH | ++ | KE6ONG |
| 7 | AB7GH | KJ7FZ | ++ | KC7GZS |
| 8 | AA8RE | KG8NH | ++ | KB8VTG |
| 9 | AA9NE | KF9ZB | N9ZHC | KB9JBM |
| N. Mariana | KH0O | ++ | KH0DO | ++ |
| Guam | WH2I | AH2CZ | KH2LP | ++ |
| Midway | ++ | AH4AA | KH4AG | WH4AAH |
| Hawaii | ++ | AH6NQ | WH6ZP | WH6CRM |
| Amer. Samoa | AH8L | AH8AG | KH8BJ | WH8ABB |
| Alaska | ++ | AL7PV | WL7ZA | WL7CHW |
| Virgin | WP2P | KP2CD | NP2HS | WP2AHV |
| Puerto Rico | ++ | KP4XY | ++ | WP4MUL |

++ All call signs in this group have been issued in this area.

- ARRL Bulletin ARLB099, 12/20/94

FCC Inaugurates Wireless Telecomm Bureau; Its Chief Comes from "Enthusiastic Ham Family"

The Federal Communications Commission on December 1 established a new Wireless Telecommunications Bureau, as part of its continuing reorganization begun last summer.

The Commission said the new bureau will handle all FCC domestic wireless telecommunications programs and policies, except those involving satellite communications. Its functions include all activities of wireless telecommunication providers and licensees.

The new bureau also will serve as the Commis-

BSA Net/JOTA News



Tom, WT9E, and Tony, N9XHQ, hammer a guy anchor into place at the 1994 Boy Scout Camporee/Jamboree on the Air at Governor Dodge State Park.

Boy Scouts of America is establishing a new net called BSA Net, International. It will meet every Sunday at 2030 UTC on 14.290 MHz. KB8OCC will act as net control.

Thanks to David Michelson, KB8OCC, for the preceding information.

Dates have been set for the 1995 Jamboree On The Air operating event. JOTA is an annual event in which Boy Scouts and Girl Scouts and Guides from all over the world speak to each other by means of Amateur Radio. JOTA 1995 will take place Saturday, October 21, at 0001 hours local time to Sunday, October 22, at 2359 hours local time.

Thanks to Dan Dansby, W5URI, for the preceding information.

- ARRL Bulletin ARLX036, 12/20/94/ARLX037, 12/22/94

sion's principal policy and administrative resource with regard to spectrum auctions.

Regina M. Keeney was named chief of the Wireless Telecommunications Bureau; Ralph Haller, formerly chief of the Private Radio Bureau, and Gerald P. Vaughn, are deputy bureau chiefs.

Keeney, a Harvard Law School graduate, spent nine years as Senior Republican Counsel for Communications to the Senate Committee on Commerce, Science, and Transportation. Both of Keeney's parents are licensed Amateur Radio operators. Her father, John Markey, W2AAW, said, "Gina grew up with Amateur Radio in the house. We are an enthusiastic ham family. I often show her *QST*, and especially the 'Happenings' column, when she visits."

Keeney said the goals of the new bureau are to promote economic growth, foster competition, and enhance accessibility of emerging technologies to consumers, as well as to "foster efficiency and innovation in the allocation and licensing of the electromagnetic spectrum."

The Wireless Telecommunications Bureau will have seven divisions; the new Private Radio Division, along with the Licensing Division, will handle Amateur Radio matters at the FCC. The FCC said

Please turn to page 13

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January 1995

The Computer Corner

By Stan Kaplan, WB9RQR
11541 North Laguna Drive
Mequon, WI 53092-3119

INSTALLMENT #17: VIRUSES REVISITED

This issue in the series was supposed to be about RAM, but I thought it best to postpone that subject based on a recent experience. Remember #13 in the series on *Viruses and How to Fight Them*? Remember that I talked about the VSAFE program that comes with versions of DOS from 5 up? Remember how I told you that it was a TSR (Terminate and Stay Resident) program that would watch for a virus attack .. and prevent it? Did you take my advice? Well, I did, and yesterday *it saved my tail!* Here is some background.

My students at both the Medical College of Wisconsin and the University of Wisconsin - Milwaukee use several educational software packages - Computer Assisted Instruction (CAI) modules - authored by me. They use them to learn about medical genetics, and about the cells and tissues of several organ systems in the human body. These CAI packages work well for the students. They can use them to learn at any hour of the day or night, at home or wherever they can get to a computer - even an old XT will work fine. A CAI package on one subject consists of several lessons, each followed by a test. When the student takes a test, the results are written directly to their unique student file on the floppy that contains the lessons. When finished with the entire package, a student returns the disk, I extract the grade from their disk (no, they can't fiddle with the grade .. it is in an encrypted file that even I cannot successfully alter), and I give them credit for the work. They like it, and I like it. It is not the only way to learn, but it is a pleasant diversion from the usual classroom or laboratory experience; almost all students enjoy some self-directed learning.

Now, here is what happened. Yesterday, I had over 20 CAI packages to grade, but no time to do it during the day. Furthermore, students who had returned disks were anxious to check out new ones they had not yet completed. Therefore, the solution was to copy the student files onto a single floppy to take home and grade, thereby releasing all the student floppies for check-out by the clamoring students. Simple enough. However, my computer at UWM only reads 5¼ inch floppies, and each student gets both a 5¼ inch and a 3½ inch program disk, so they can work with whatever is available to them. Therefore, I borrowed the use of a colleague's computer, in a laboratory next to my office. It has both size drives, and I successfully copied all the student files to a floppy that lives in my briefcase for transporting files to work or back.

After supper, I prepared to run the program that unencrypts the student files and sends the grades to my printer. I put the disk in the drive, and gave the command DIR A: just to take stock of the student files there. The computer beeped loudly, and the following flashed on the screen:

VSafe Warning

Disk infected by the Michelangelo virus

Run MSAV to clean the virus

Press any key.

The message was white letters on a bright red background, except that the top line ("VSafe Warning") flashed on and off in a bright yellow hue. It got my attention!

Of course, the important thing here is that VSAFE was sitting in memory, watching all proceedings. When the DIR command was given, it butted in before DOS could do anything, looked at the disk, determined it was infected, and STOPPED EXECUTION OF THE DIR COMMAND, which

Hand-Held (HT) Battery Pack Protector

By D. R. "Kuby" Kubichek, N6JSX/9
1502 South 10th Street, Manitowoc, WI 54220

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D.R. KUBICHEK, N6JSX/9
Chief Engineer & Owner

DEAD

(back side of card)

15/16"

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D.R. KUBICHEK, N6JSX/9
Chief Engineer & Owner

2 3/8"

If you need a battery protector, and you have business cards, a simple battery protector can easily be made. The common dimensions of a business card are 2" x 3½". An Icom BP-series battery pack takes a 2 3/8" by 15/16" size protector. I wrote "DEAD" on the center back side of the business card, and laminated the card in plastic. Cut the center area out to the desired dimensions. This will protect your battery terminals from shorting, and also identify the ownership of the battery. When the battery needs charging, flip the card over to show the word "DEAD." This will remind you to pop it into the charger when you get home.

©1991 D. R. Kubichek, N6JSX. Used by permission.

would have transferred the virus infection to my hard drive. Yes, it saved my tail. It is much harder to get rid of a virus infection on a hard drive than on a floppy, and there is much more data at risk.

Without going into great detail, let me relate that I captured those student files, and the students got their grades. The source of the infection? It turned out to be a graduate student of my colleague, who often used floppies brought into the laboratory from outside. It was my colleague's computer, not my student's computers, that was the source of the virus. The disk is now being examined by computer security experts at UWM.

You know the moral of this story. It is quite simple. *Everyone is at risk for becoming infected. If you take no preventive measures, you are courting disaster. If you take preventive measures such as I did, you can prevent disaster. It is a lot less stressful and time consuming to prevent an infection, than to try to cure an infection after it happens.* Get out your DOS manual...the name of the program is VSAFE. Safe computing!

P.S.: My colleague was told the old drive was damaged by the virus, and that it was beyond repair. He went out and bought a new one. Then he gave me the old one to see if anything could be done. After putting it in a home computer and booting from a floppy, it took about 10 minutes to determine that the virus had scrambled the Master Boot Record, a little one-sector program on every hard drive that allows it to boot. The command FDISK /MBR wrote a new Master Boot Record and fixed the problem, a 10 second job to type and execute. The drive is now perfect. The lesson to be learned: While a virus infection may indeed scramble your data, it rarely causes physical damage which cannot be undone. Take heart! □

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Your articles, stories, and photos are welcome for consideration for publication. Please send them to Jim Romelfanger, K9ZZ, 412½ Ash Street, Baraboo, WI 53913

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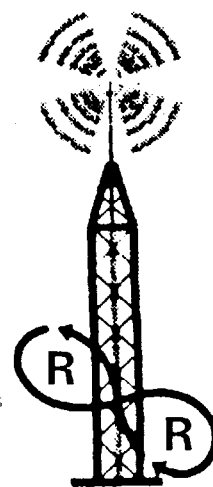
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By Mike Jackson, WB9BBI
430 So. Christine, Appleton, WI 54915

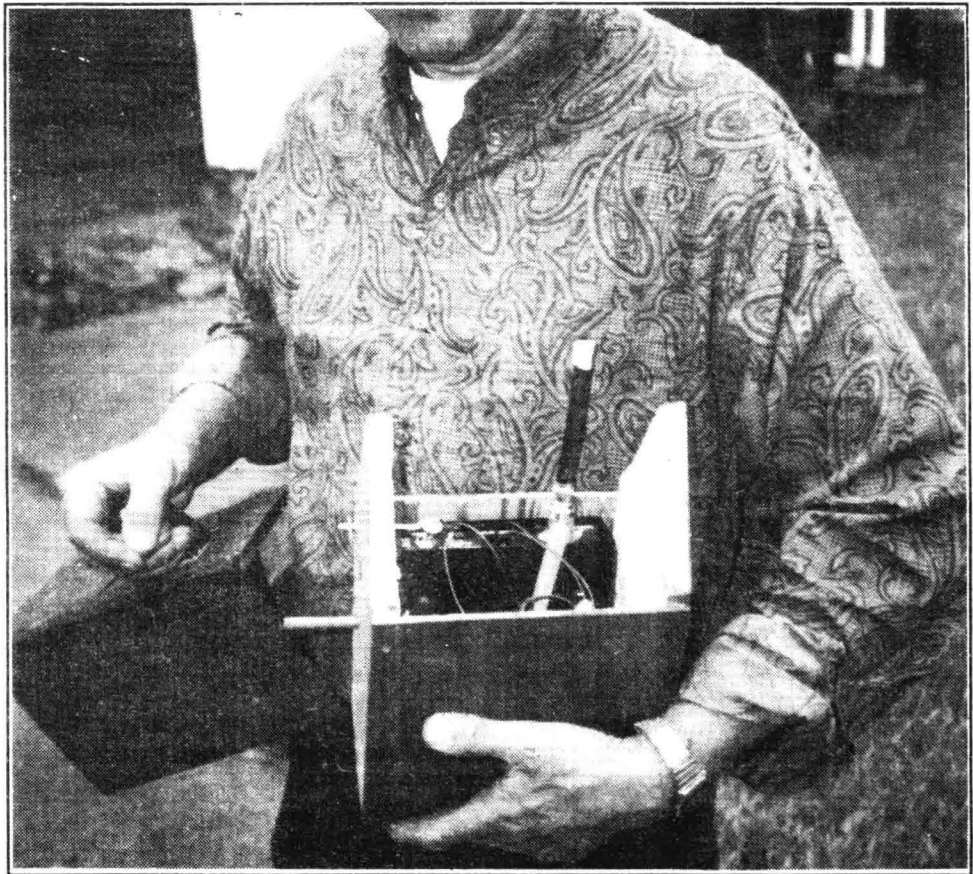
You can call me *Vulpes fulva*, you can call me *Vulpus macrotis*, or you can call me *Urocyon cinereoagenteus*, but please don't call me *Canis lupus* or *Lynx rufus* or even *Felis domesticus*, 'cause I am a FOX.

Now, if you're an avid hunter or *Vulpes lostis* or *Transmitteris hiddenis*, you're in for a challenge and lots of fun. Rock piles, bramble bushes, fallen tree tops may not be his lair, but then again, they might. One never knows for sure. More commonly, you will find him in a parked car on a lonely street or parking lot, out of sight in a tall pine tree, a garbage can, a bird house nailed to a tree, maybe hidden away neatly in a charcoal bag on some stranger's picnic table, or possibly tacked to a wooden cow in a farmer's field.

Once "foxy" sounds, the goal is to be the first person to find this scruffy little varmint and tack his ragged tail to your trophy case. The signal sounds - and you're off! You frantically twist your antenna in all directions, trying to determine the direction of the signal. Slam the car in gear and head off down the road. Another real challenge here as you drive around town and over hill and dale is to take care to stay out of trouble. Hazards such as stop signs, parked vehicles, little children in the street, and the neighbor's cat are all to be carefully watched for. Safety first!

Now, I am not suggesting there is a high level of excitement here, but do you remember when you were eighteen? I mean, when stop lights only meant reducing your speed enough to downshift, and when butterflies in your stomach weren't really in your stomach at all. The excitement and fun are very much the same.

If you're lucky enough to find the wily *Transmitteris hiddenis* first, then you get to be the source of all the trouble and frustration for the intrepid hunters on



Here's Mike Jackson, WB9BBI, displaying one of his ideas for *Transmitteris hiddenis*, alias wily old fox. The bird house was nailed to a tree at Plamann Park at the annual Fox Cities Amateur Radio Club cookout and picnic. It was located in about thirty minutes.

- Photo by Larry Siebers/KD9IA

next month's hunt. You can be responsible for causing the distress in the very hearts and minds of your fellow hams as they scour the countryside, looking for you or your wily *Vulpes fulva hiddenis*. Happy hunting. Tally ho! □

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WISCONSIN NETS

Compiled by Richard R. Regent, K9GDF, WI ARRL Section Manager

| FREQ. | | LOCAL | | | |
|---------|----------------------|-------|------|------|--------------------|
| MHz | NET NAME | DAYS | TIME | NOTE | COVERAGE |
| 3.640 | Ninth Region | Dy | 1945 | T | WI,IL,IN,KY |
| 3.640 | Ninth Region | Dy | 2130 | T | WI,IL,IN,KY |
| 3.645 | WI Slow Speed Net | Dy | 1830 | T | WI |
| 3.662 | WI IntraState Net/E | Dy | 1900 | T | WI |
| 3.662 | WI IntraState Net/L | Dy | 2200 | T | WI |
| 3.723 | WI Novice Net | Dy | 1800 | T | WI |
| 3.860 | Sheboygan Co. ARES | Sn | 1030 | TWE | North East |
| 3.913 | North Star Trade | Sn | 0830 | | WI |
| 3.917 | River Rats | M-F | 1745 | TW | WI |
| 3.965 | After Breakfast Club | M-F | 0830 | | South East |
| 3.965 | ManCoRad | Sn | 1030 | E | WI |
| 3.985 | Badger Emergency Net | Dy | 1200 | TWE | WI |
| 3.985 | Badger Weather Net | Dy | 0600 | TWE | WI |
| 3.985 | NEWDXA | S | 1300 | | WI |
| 3.985 | QCWA Chapter 174 | Sn | 1600 | | Central |
| 3.985 | QCWA Chapter 55 | Sn | 0830 | | WI |
| 3.985 | WI Side Band Net | Dy | 1730 | T | WI |
| 3.994 | RACES | Sn | 0800 | TE | WI |
| 7.035 | A.F.A.R (CW) | T | 2000 | | WI |
| 7.277 | RACES | S | 1100 | E | WI |
| 7.278 | Rock River RC | S | 1030 | | North East |
| 7.284 | 9RND | Dy | 1600 | T | WI,IL,IN,KY |
| 7.284 | 9RND | Dy | 1245 | T | WI,IL,IN,KY |
| 7.284 | Exprmntl Aircraft | S | 0900 | | Midwest |
| 14.290 | Wisconsin/Florida | Dy | 0600 | | WI/Florida |
| 21.312 | Kettle Moraine RA | T | 2000 | | Waukesha Co. |
| 28.325 | GBM&K Chat | M-F | 2100 | | North East |
| 28.350 | Four Lakes ARC | Sn | 0930 | | South Central |
| 28.365 | 10-10 Milwaukee | W Sn | 2000 | | South East |
| 28.400 | Milwaukee RAC | F | 2045 | | South East |
| 28.400 | The Green Bay Area | S | 2030 | | North East |
| 50.160 | Six Meter | M Th | 2100 | | WI |
| 53.090 | General Interest | Sn | 2100 | | South East |
| 144.340 | Fast Scan TV | T | 2030 | | South East |
| 145.030 | RRCONV Packet | Sn | 2100 | | North East |
| 145.150 | Outagamie Co. ARES | W | 2100 | TWE | North East |
| 145.250 | Hubertus ARES | M | 2000 | TWE | South East |
| 145.310 | Antigo | Th | 1900 | | North Central |
| 145.350 | Shawano | M | 2000 | TWE | North Central |
| 145.430 | Tomahawk Swap | M | 1900 | T | North Central |
| 145.490 | Tri-County ARC | Th | 2000 | E | South Central |
| 146.075 | Newsline Report | Sn | 1930 | | Kenosha/ Racine |
| 146.310 | WCWTN | Dy | 1830 | T | West Central |
| 146.445 | Emergency | M | 0800 | TWE | Milwaukee |
| 146.445 | Geritol | Dy | 0900 | | South East |
| 146.490 | W/K Club | Sn | 2000 | | South East |
| 146.520 | 52 Simplex Group | Dy | 0700 | TW | North West |
| 146.520 | Fort Atkinson | M | 1830 | | South Central |
| 146.520 | South Milwaukee ARC | M-F | 0800 | | South East |
| 146.610 | ManCoRad | Sn | 1000 | | North East |
| 146.610 | Northern AR Group | Dy | 2000 | TW | North West |
| 146.610 | RCRA | M | 1730 | | Menomonie |
| 146.640 | Dodge Co. ARES | M | 1930 | TWE | South Central |
| 146.640 | RRRC CW | T | 1930 | TWE | North East |
| 146.640 | Watertown ARES | Th | 1930 | TWE | South Central |

| | | | | | |
|---------|----------------------|-------|------|-----|---------------|
| 146.640 | WVRA/RAIN Report | W | 2000 | | North Central |
| 146.670 | Milw./Waukesha ARES | M | 2100 | TWE | South East |
| 146.700 | FCARC IttyBitty RTTY | R | 1900 | TWE | North East |
| 146.730 | Washington Co. ARES | Th | 1930 | TWE | South East |
| 146.760 | Fox Cities ARC ARES | W | 2100 | | North East |
| 146.790 | Wisconsin Rapids | Sn | 2000 | | North Central |
| 146.820 | QCWA Chapter 174 | Sn | 1600 | | Central |
| 146.820 | RMRA Swap/Newsline | Sn | 2100 | T | C & NC |
| 146.820 | SEWFARS ARES | M | 1900 | | South East |
| 146.850 | Newsline Report | Th | 2000 | | South East |
| 146.850 | Newsline Report | M | 2000 | | South East |
| 146.880 | Baraboo Swap | Sn | 1000 | | South Central |
| 146.910 | Computer | Th | 2100 | | South East |
| 146.910 | Eau Claire | Sn | 2100 | | North West |
| 146.910 | Friday CQ Food | F | 1700 | | South East |
| 146.910 | Information | Sn | 2000 | | South East |
| 146.910 | Milwaukee Swap | Sn | 2100 | | South East |
| 146.910 | Public Service | Sn | 2000 | WE | South East |
| 146.910 | Saturday Nite Fun | S | 2100 | | South East |
| 146.940 | Dane County ARES | T | 1900 | | South Central |
| 146.940 | Northwoods Trffc Net | Dy | 1830 | TWE | North Central |
| 146.955 | Green Fox ARES | Sn | 2000 | TWE | Fox Cities |
| 146.970 | MRA Swap | T | 2000 | TE | North Central |
| 146.970 | Ozaukee RC | T | 2000 | | Ozaukee Co. |
| 146.970 | Riverland Swap/News | Sn | 2000 | | West Central |
| 146.985 | Portage Co. ARES | M | 2100 | TWE | North Central |
| 147.000 | Price Co. ARES | W | 2100 | E | North Central |
| 147.045 | MRAC | F | 2115 | | South East |
| 147.120 | Green Bay Siren Test | 2ndW | 1150 | | North East |
| 147.120 | The Green Bay Area | W | 2045 | | North East |
| 147.150 | Computer | 2&4Sn | 2000 | | South Central |
| 147.150 | Information | Th | 2000 | | South Central |
| 147.150 | Madison Area RA News | W | 2100 | | South Central |
| 147.150 | Model Trains | 3rdSn | 2000 | | South Central |
| 147.150 | Short Wave Listener | 1stSn | 2000 | | South Central |
| 147.150 | Star Trek | 5thSn | 2000 | | South Central |
| 147.150 | Taylor Co. ARES | W | 2030 | TWE | Clark/Taylor |
| 147.180 | Swap/Newsline Report | Sn | 2100 | T | C & NC |
| 147.210 | Good Morning | Dy | 0800 | | Door Co. |
| 147.240 | Winnebago Co. ARES | S | 1900 | TWE | North East |
| 147.255 | Sheboygan Co. ARES | W | 1900 | TWE | North East |
| 147.270 | NEWRL | T | 2000 | | North East |
| 147.270 | QCWA Chapter 162 | Th | 2100 | | South East |
| 147.270 | Racine/Kenosha WX | W | 1900 | | South East |
| 147.300 | Calumet Co. ARES | Sn | 1930 | TWE | North East |
| 147.300 | NorWesCo RACES/ARES | W | 2000 | | North West |
| 147.330 | Ozaukee Co. ARES | Th | 2000 | TWE | South East |
| 147.360 | DX | M Th | 2100 | | South East |
| 147.675 | Swap | Sn | 1930 | | South East |
| 154.130 | MRA Swap | Sn | 2100 | | North Central |
| 442.200 | Get The Net | T | 1900 | | South East |
| 443.800 | Milwaukee Swap | Sn | 1000 | | South East |

Net Purpose: E = Emergency; T = Traffic;
W = Weather

Updates for this list will be appreciated. Please send them to Rich Regent, K9GDF, 5003 South 26th Street, Milwaukee, WI 53221.

LF AND DOWN

By Dave Spearing, KB9CSW
910 Prospect
Portage, WI 53901-1935

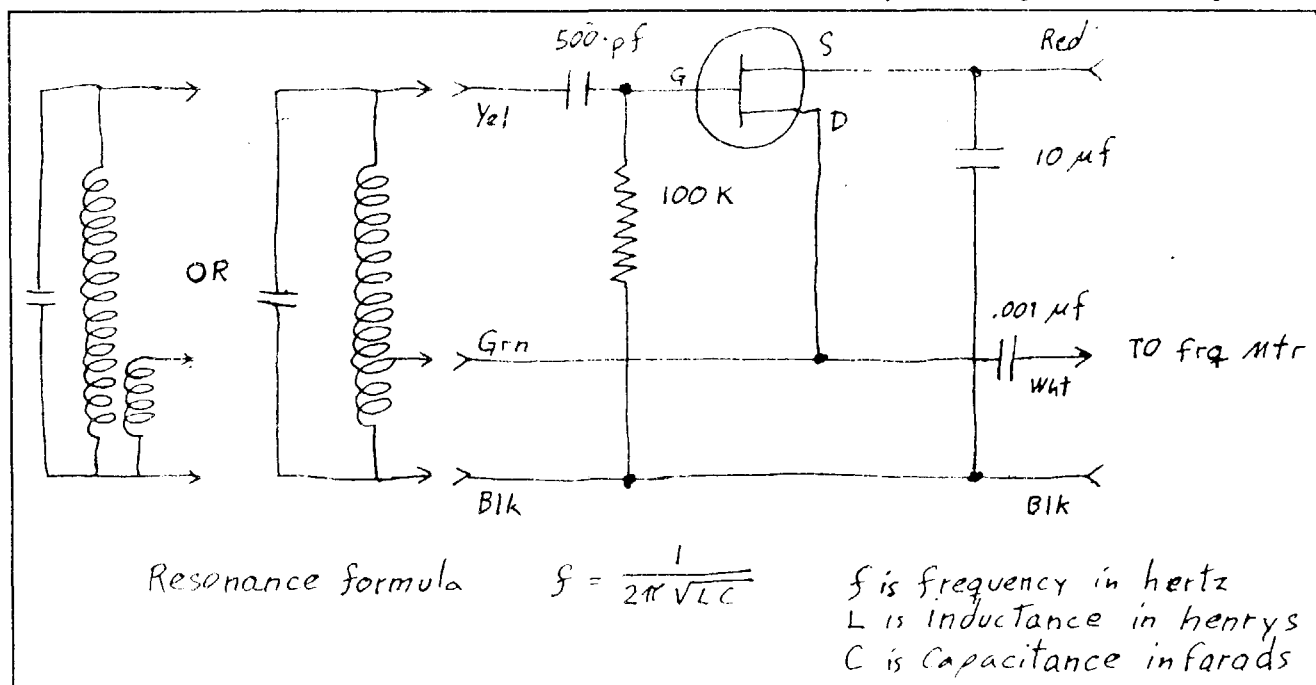
Identifying Values of Capacitors and Inductors

One problem which faces many newcomers to low frequency (LF) radio, as well as other experimenters, is that of dealing with the coils and capacitors used in tuned circuits. Not all capacitors have labels which give their values, and even fewer coils have labels.

Yes, there are capacitor meters, adapters for computers, and bridges to measure component values but, for more accurate measurements and times when I am more interested in frequency than exact values, I revert to a simple oscillator of the type in the schematic diagram at right. The diagram is from Ken Cornell's *Scrapbook #4*, and the component values were dictated by my junk box!

The basic design for this oscillator is old and well documented in many places. Sadly, neither Ken nor I can take credit for it. The last time I built such a circuit, I did so on a small piece of perf board purchased at a Radio Shack store, along with a bag of small, brightly colored jumper wires with alligator clips attached.

The construction was easy enough. I mounted the yellow, green and black wires to one edge of the board. One may wish to use two yellow and two black wires here, a set for the capacitor and a set for the coil under test. I then mounted the red, black and white wires to the other edge of the board



for power input (1.5 to 9 volts DC) and frequency counter output - perhaps two black wires might be better, using one to the ground to the frequency meter.

The FET (MPF-102) was then centered on the board with the other parts around it. This circuit could be buffered, packaged and otherwise embellished to suit one's own needs and desires.

This brightly colored, alligator headed Hydra requires that the test coil be tapped or a second coil be wound around it. Make sure that a second coil, if used, is wound in the same direction as the coil under test, and has enough turns or the circuit will not oscillate. Use only enough turns to make the circuit oscillate; about 25% of the number of turns on the coil being tested works well.

The test capacitor is simply placed in parallel with the coil and power added by way of the red (+) and black (-) leads, and the frequency is read directly from the white and black wires. With this method, it is possible to play with values to obtain the desired frequency before the components are permanently placed in the circuit.

If the value of any two variables (coil, capacitor, or frequency) is known, then the resonance formula can be used to calculate the unknown value. If one is fortunate enough to have some 1% tolerance capacitors, it is then very easy to get a very precise measurement of the coil's inductance.

Interested in the 1750 meter experimenters' band? Drop a note to Dave at his address above. He'd be happy to hear from you. □

Penalties in VE Fraud

Two former volunteer examiners in southern California have surrendered their amateur station and operator licenses in an examination fraud case, and a third has agreed to a settlement.

Amateur Extra Class licensees Robert L. Flores, N6WPQ, and Rose Marie Flores, N6WPR, both of Santa Monica, California, faced an FCC order to show cause and suspension order from September 1994, in a case involving examinations conducted in August 1993.

The FCC alleged that the VEs willfully signed VE certificates and Certificates of Successful Completion for persons who did not actually take exams.

The FCC also said that the VEs misrepresented material facts to the Commission.

The third volunteer examiner, Amateur Extra Class licensee James B. Williams, AA6TC, of Wilmington, California, agreed to a one-year suspension of his operator license and a "voluntary contribution" of 500 dollar(s) to the US Treasury. Williams also agreed to cooperate fully with the FCC's Private Radio Bureau's investigation of possible additional fraud in amateur license exams.

The licenses of Robert L. and Rose Marie Flores have been canceled.

- ARRL Bulletin ARLB100, 12/21/94

ADVERTISING SALES REPRESENTATIVE NEEDED

Badger State Smoke Signals needs an advertising salesperson. A commission is paid, as are certain expenses. If you are interested, please contact Publisher Ken Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901, or call Ken at (608) 742-3560.

Tri-County Amateur Radio Club Presents:

HAMFEST 1995

to be held on

Sunday, March 19

at the

Jefferson County Fairgrounds Activity Center

Hwy. 18 West, Jefferson, WI
from 8:00 A.M. until 2:00 P.M.

Testing — New or Upgrade
Good Food
Door Prizes
Electricity Available
Equipment Test Table (Does it work? Try it out!)

A SPECIAL NOTE TO VENDORS:

- Special needs can be handled if we are contacted in advance.
- Vendors will be admitted at 7 a.m. — OTHERS AT 8 A.M. ONLY.
- Vendors — Please unload at northwest side door.
- Vendors only parking will be provided for unloading.

(PLEASE...NO EARLY SALES — Thank you.)

Plate Lunches and Beverage provided by Jefferson County 4-H. **HANDICAP ACCESSIBLE!**

TALK IN ON THE 145.49 REPEATER

ADMISSION: \$4.00
6-Foot Table Space — \$5.00 • Some 8-Footers — \$6.00
RESERVE YOUR SPACE EARLY!

SEND YOUR **SASE** TO: TCARC, W9MQB
213 Frederick, Fort Atkinson, WI 53538
414-563-6381 evenings

PARTICIPATING Clubs and Organizations

Taylor County Area Amateur Radio Club

Mike Schoenfuss, N9GHZ, Secretary

P. O. Box 401 • Abbotsford, WI 54405-0401

Meeting Announcement

The next regular meeting will be held on Thursday, January 5th at 7 p.m. in the Emergency Government meeting room located in the basement of the sheriff's annex to the Taylor County Courthouse, corner of 2nd and Ogden Sts., Medford, WI. Talk-in on the 147.15 Medford repeater (+ 600 kHz) or 146.52 MHz simplex.

Meeting Agenda/Program

Elections for 1995 officers will be held at the January meeting. In addition, there will hopefully be additional information on the proposal to share an antenna and feedline for our 2-meter repeater on the NTC Medford tower with a radio paging service out of Wausau.

EXCERPTS FROM MINUTES OF DECEMBER 1, 1994 MEETING

Meeting was called to order by President N9GEN. Present were KE4FE, N9UBQ, AA9LE, N9UBR, N9GEN, KB9BLV, KE9LX and N9GHZ.

Minutes of the November 3, 1994 meeting were read by Secretary N9GHZ. Treasurer's report was presented by Treasurer AA9LE.

N9UBQ reported that the repeater had been down from some time on Sunday, 11/27/94 through Monday, 11/28/94, at which time Northway Communications came over from Wausau and made the required repairs.

There was further discussion concerning the earlier request by a radio paging service out of Wausau to share an antenna and feedline with our 2-meter repeater on the NTC tower at Medford. Since the repeater is county property, N9UBQ, Taylor County Emergency Government Coordinator, will send correspondence to Northway Communications with a list of concerns our organization has concerning this proposal and bring it back to a future meeting. No further action was taken at this time.

Motion by KE9LX, seconded by KE4FE, that the Taylor County Area Amateur Radio Club go on record as supporting a proposed countywide communications committee. Motion carried.

N9UBQ reported that Midway Telephone Company has checked the grounding of the telephone line to the repeater autopatch and it should be OK now.

N9GHZ provided some last minute information on ARES communications being provided for the annual Abbotsford

Christmas parade on Saturday, December 3rd. It was reported that parade organizers would like to have a couple of operators available as early as 6:30 p.m. that evening.

N9UBQ discussed some upcoming changes and enhancements to the county E-911 system.

N9GHZ reminded those present that elections for 1995 officers will take place at the January meeting, and that 1995 dues and BSSS subscriptions will be due soon. Meeting was adjourned.

REMINDER

Just a reminder that both club dues and *Badger State Smoke Signals* subscriptions for 1995 are due soon, and can be paid at anytime. Club dues are \$10.00/year and the current (1995) members' portion of the BSSS subscription is \$6.00/year, for those wishing to receive the club newsletter (and BSSS). Checks or money orders should be made payable to: Taylor County Area Amateur Radio Club.

Dues/subscriptions may be paid at any upcoming club meeting, or you can mail them, up to the date of the January club meeting, to current (1994) club treasurer Cliff Steevens, AA9LE, 455 Madison Ave., Medford, WI 54451.

My personal records, to date, show the following as already having their club dues paid for calendar year 1995: KA9WDX, KE9LX, N9GHZ, N9UBS, W9LEE, and WD9ASX.

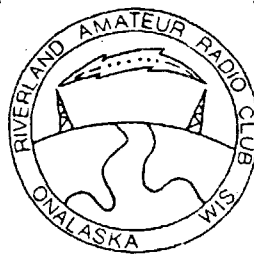
CLARK/TAYLOR COUNTY AMATEUR RADIO EMERGENCY SERVICE (ARES) NEWS

Mike Schoenfuss, N9GHZ
ARES Emergency Coordinator

Don't forget to try to check into the weekly ARES net, held Wednesdays at 8:30 p.m. on the Medford repeater (147.75/147.15). If the repeater is down or not functioning properly, alternate frequencies, in order, are 147.15 MHz simplex and 146.52 MHz simplex. You're also encouraged to volunteer for net control duty for the net.

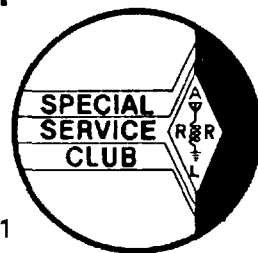
On the evening of Saturday, 12/3/94, the following assisted in providing Amateur Radio communications for the 23rd annual Abbotsford Christmas Parade in Abbotsford, WI: N9GHZ, WA9ZCO, N9IAB, KB9BLV, N9MHV, N9LHY, N9UBR, N9GEN, WD9ITI, N9UWY, N9MED, N9RRF, N9NQN and N9IFA.

Riverland Amateur Radio Club



Judy Williams, N9LGV
Secretary

Club mail address: P.O. Box 621
Onalaska, WI 54650



MEETING MINUTES DECEMBER 6, 1994

The December meeting of the Riverland Amateur Radio Club was called to order by President Feroz, WU9N, at 7:00 p.m. There were 23 members present.

Secretary's Report: Judy, N9LGV, read the minutes of the November meeting. They were approved as corrected.

Treasurer's Report: Mark, N9UNW, gave the report. There are 92 paid members. The report was approved as read.

OLD BUSINESS AND COMMITTEE REPORTS

Program: The December program will be a gift exchange from names drawn at the November meeting.

Swap Fest: Dick, K0JYB, reported very little has changed since the November meeting. He will be getting a list of vendors from another area Swap Fest to use as a resource list. He will also be checking on the rules affecting "tail gating" at the new location.

.97 Repeater: Walt, AA9AW, reported that the antennas had been relocated on the site tower. The repeater was on the air for a short time but the amplifier seems to be in need of repair. Another problem could be the nearness of another antenna on the site tower. They are working on the problems. In the mean time, the .76 Repeater is still available.

440 Repeater: Dan, N9PZC, reported the frequency being used is 448.75 output and 443.75 input. He had pictures to show of the crew putting up the antenna. Several members helped in the testing and it seems to have a range of about 28 miles presently, with a weak spot caused by a nearby bluff. They are still looking for parts and need to make modifications on the radio. There are still club caps for sale and a raffle will be held following the meeting.

Sunday Night Net: Mike, N9LXI, reported that the net seems to be consistent with 13 - 15 check ins each week. A volunteer schedule has been used on an as needed as available basis. It has been working OK so far. The net is held at 8:00 p.m., and includes information, swap items and Newline at times. The Net may be cancelled on Christmas and New Years' Days. An announcement will make.

ARES: Kent, W9LZQ, reported a very good turn out at the La Crosse Chapter of the American Red Cross introductory training. Ten Amateurs from La Crosse Co. and five from Monroe Co.

attended. Additional training will be offered on January 9 at 6:30 p.m., Introduction to Disaster Services, and January 16, at 6:00 p.m., Damage and Assessment Training.

ANNOUNCEMENTS

The January Club meeting will be held on Jan. 3, at 7:00 p.m.

Annual Dinner will be held on January 21 at 6:00 p.m. at Nob Hill.

Awards: Bob, N9LZK, is looking for individuals for Elmer Awards. These will be given at the annual dinner. Other awards to be given at the annual dinner will be "Young Ham of the Year" and "Ham of the Year".

Dues: Mark, N9UNW, summarized the 1994 expenses and income. He made a motion to increase the dues for 1995 to \$20.00 per member. Second by Karl, KB9EQI.

There was a discussion. A motion was made by Kent, W9LZQ, to amend the motion to retain *Badger State Smoke Signals* as part of the membership package. Second by Bob, N9LZK. The amendment passed.

There was discussion on fundraising alternatives to dues paying. The motion to increase the dues passed.

A motion was made to extend the meeting. Motion passed.

President Feroz, WU9N, extended his thanks to club members who helped make his term of office a success.

Election of Officers: Walt, AA9AW, conducted the election. Elected as officers for 1995 were:

Feroz Ghouse, WU9N, President
Greg Miller, KA9FOZ, Vice President
Mark Smick, N9UNW, Treasurer
Tom O'Brien, WB9BJQ, Secretary

NEW BUSINESS

Special Events Station: Roger, KA9-BKK, made a motion to sponsor a special events station through the La Crosse School District commemorating Earth Day in April. Second by Karl, KB9EQI. Motion passed.

ARRL Video: There was a discussion on weather or not to purchase a video tape series for licensing. This was tabled.

The meeting was adjourned.

Respectfully Submitted by
Judy, N9LGV, Secretary



Washington County Amateur Radio Club

David Parkinson, KA9RNU,
Secretary/Treasurer
708 Robin Street
West Bend, WI 53095



MEETING MINUTES

The December 12th meeting of the Washington County Amateur Radio Club was called to order at 7:36 p.m. by Mike, N9NBN, our president.

The minutes were read by Dave, KA9RNU, our secretary-treasurer. A motion was made by Don, K9GR, to approve the

minutes and seconded by Larry, WB9-BVB. The motion passed.

The treasurer's report was read by Dave, KA9RNU, who stated last month's balance, expenditures, and the final balance. A motion to approve the treasurer's report was made by Sherm, W9NGT, and seconded by Marty, WD9BCV.

We had 17 members and 1 guest pres-

ent at the meeting.

Larry, WB9BVB, announced the annual WCARC dinner, which will be held on January 14th. A discussion of locations was made. Heidel's was elected 11 votes against Linden Inn's 5 votes. Larry will check out prices, availability, and food.

Don, K9GR, reported the club would require a repeater trustee. Don proposed additions, deletions, changes, and amendments to the present club's constitution and by-laws. (A copy of those changes are attached to the minutes). Discussion was made. Don made a motion to vote on the modified proposal at the next regular (January) meeting. It was seconded by Marty, WD9BCV, and the motion passed.

Larry, WB9BVB, reported on the nominations for new officers. At this point, the nominations are N9LLS for president, W9XT for vice president, KA9-

RNU for treasurer, N9LZW for secretary, W9SIZ for repeater chairperson, and K9GR, N9LZW, WD9BCV, and K9MLD for repeater trustee.

Don, K9GR, reported on the repeater. Permits were all approved. The tower, the antenna, and the feedline were installed. Its performance tested well. The electronics will be installed. (A picture of the tower installation was in the *West Bend News*).

Tom, WD9GGA, motioned to send out a newsletter in regard of the elections, the changes in the constitution, and the upcoming dinner to the members. Don, K9GR, seconded it. The motion was passed.

A letter from the Hartford Chamber of Commerce was read in which they were

Continued on page 11

Red Cedar Repeater Association, Inc.

Steve Hart, KA9OMC, Secretary

E616 810th Avenue

Knapp, WI 54749

2-Meter Repeater: 146.01 Input/146.61 Output

Greetings, RCRA sponsors and guests.

The last gathering in Menomonie was held on November 22 at the Peppermill Restaurant. Balance on the account was \$247.28.

ATTENDANCE

KA9PVY
N9TTV
KF9CU and OM Dave
KA9OMC

The activity started off with the handing out of current bulletins copied by KF9CU, Arlene. Arlene is being recommended for a certificate of merit for her work reading bulletins on the regular Monday net.

Financial statements and a brochure explaining the history and operation of the repeater system were also introduced.

N9TTV, Glen, was awarded an ARRL decal for his three-year renewal.

A taped interview with FCC commissioner Reed Hunt from a recent PBS program was offered. The topic was on the "selling of the spectrum." The interview started with a discussion of how many classrooms today may not be equipped with even phone line connections for media and information sources and ending up on the business end of trying to bring down the cost of communications to the consumer by flooding the user with endless sources. It appears to be a very debatable topic, and I expect to revisit this again.

Many thanks to all who have remembered that we are entering a new year and have forwarded their support. One of our

newest sponsors is from Durand, N9ZFY, Everett, has recently retired and is now active on 2 meters. He is practicing his code, and expects to up grade. Welcome, and good luck, Everett.

The association has received word that WB0WOT, Scot (Wisconsin Association of Repeaters Coordinator) will pursue our protest to with the Minnesota Association of Repeaters is regard to their recent proposal to realign the 440 MHz band as it pertains to repeater frequency assignments and link frequencies. Thanks to all who signed on to the petition.

Plans are set for the annual Eau Claire Auction, coming up on February 28. We will again be hosting the activity at the American Legion Post 53 at 634 Water Street. Doors open at 6 p.m. for you to set up your equipment. Items should pertain to the electronics hobby. Be sure to mark all items with a minimum bid you will accept, and your name, call, and so on. W9QAH, Bruce, will auction the items to the highest bidder. RCRA is not responsible for any loss. Admission is \$3 at the door, or paid RCRA 1995 support. The auction will start at 7 p.m. sharp, and we will sell what time will allow. RCRA will retain 10% of all sales to offset expenses. Come to buy, or just to have fun.

Our next social hour will be January 24 at the Peppermill in the T-Bird Mall, Menomonie. Meeting time is 7:30 p.m., and we will be planning work volunteers for the auction.

RCRA Secretary/Treasurer
Steve Hart, KA9OMC

OFFICIAL PUBLICATION OF CENTRAL WISCONSIN RADIO AMATEURS, LTD.

WATTS SNOO



WB0WOT 2-Meter Repeater 146.01 Input/146.61 Output

P. O. Box 923 • Plover, WI 54467

MEETING MINUTES NOVEMBER 9, 1994

President Lori Jasper, KA9ZGD, called the meeting to order at 7:40 p.m.

This month's program was a video tape entitled "The Last Voice From Kuwait." It told of how Amateur Radio played a vital role in getting information about what was happening in Kuwait during the Iraqi occupation before and after Desert Storm. A brave ham operator in Kuwait transmitted this information to amateurs in the United States and to a Naval ship in the Gulf. This information allowed the government to know what atrocities were being committed against the Kuwaiti people. This amateur from Kuwait was truly a hero!

After the program, the meeting resumed. Lori, KA9ZGD, announced that the Frost Bite Run went very well. She thanked the following people for volunteering: Dave Olson, N9JQU, Frank Guth, W9BCC, Joe Larson, N9JW, Joe Omerick, N9CGV, Cindy Omerick, N9JRG, Joann Dix, N9NOG, and Anna Dix, KB9DUR. Thanks for helping out!

Mary Eiden, KA9FAS, gave the secretary's report. It was approved as printed in *Watts Snoo*. Joe Larson, N9JW, gave the treasurer's report, which was approved, and then reported on the recent classes and testing, and the outcome of the exams. There were 15 candidates, eight upgraded. The local people who passed are as follows: Jim Ceplina - Novice (son of KA9RZW), Charles Woodward - Technician, Jan Woodward - Technician, Carole Olson Technician (XYL of N9JQU), Paul Omerick - Technician (son of N9CGV and N9JRG), and Todd Smrz - Technician. The Technicians might be getting the very last N9??? callsigns, as we are just about out of them here in the ninth area.

Recent rumor says the FCC is turning around licenses in four weeks these days. Joe said he is thinking about putting on a General Class Theory Class this spring. Anyone interested should let him know.

Scott Jasper, NE9U, announced that the banquet will be held at the Sentry World Sports Center. We will be in the High Court, which is on the second floor of the sports complex. Scott sent around a list of menu choices. There were there a number of choices in three different groups and Scott asked everyone to pick their favorite in each group. After this was done, there would be three meals to choose from. Scott asked that reservations be made to him by January 8, 1995. If you are planning to register, Scott will need the money up-front. This is a requirement that many restaurants are demanding of groups when they book a banquet. There was a discussion of other clubs being invited, and word will be sent to them about the banquet. Also, letters will be sent out to the hams in Portage County to invite them to the banquet.

The guest speaker for the banquet is none other than our own Bob Baird, N9NN. Bob will share with us some stories of his days at WGN in Chicago. Bob worked for WGN for many years and the many experiences he has had there will be interesting for those in attendance. Thank you to Bob for agreeing to speak with the group!

Ron Howe, NJ9H, said that the mill will be shutting power down on December 24. Ron said that if the power is shut down and the battery backup system does

not work, then we will lose all the messages and anything else in memory. There was a motion put to the floor and voted on, that stated that Ron be allowed \$150.00 to purchase a new battery for backup emergency power, as well as a power supply to charge the battery. The motion passed to allow Ron to make this purchase.

Gene Kroll, KE9MA, and Deb Kroll, N9EIL, expressed their concern about having the program before the meetings. They said since they have to drive a good distance to come to the meetings, they would prefer that the program be afterwards. Their biggest concern was the weather factor, and as we all know, the weather can sometimes be a problem at this time of the year. They felt people should not have to stay for the program if they didn't want to; they should have a choice. Bob, W9NN, said that if there was a guest speaker who came to talk to the group, it was not right for people to be walking out. By having the program first, you show the speaker a little courtesy. It was also suggested that we limit the programs to a certain amount of time (such as a half hour) so that if the meeting had to run longer we would not be having to stay so late. There was a motion made to return to having the program after the meeting. However, this motion did not pass, and we will continue to have the program before the meeting.

The meeting adjourned at 8:55 p.m.

Don't forget the banquet at Sentry World on January 11, 1995! Scott Jasper needs your reservations by January 8, 1995!

The next regular meeting will be held on February 8, 1995 at the UWSP Science Building, Room A-109 at 7:30 p.m. A program will be announced in the next *Watts Snoo*.

ATTENDANCE

| | |
|-----------------|--------|
| Lori Jasper | KA9ZGD |
| Mary Eiden | KA9FAS |
| Joe Larson | N9JW |
| Al Mallek | N9WBS |
| Frank Guth | W9BCC |
| John Kalina | KA9DJA |
| Mike Pagel | KA9LAQ |
| Art Wysocki | N9BUA |
| Roger Kaniewski | N9UAT |
| Ray Dix | KF9BG |
| Joann Dix | N9NOG |
| Jim Benak | KA9ACE |
| Bob Baird | W9NN |
| Scott Jasper | NE9U |
| Mike Eiden | WD9JID |
| Gene Kroll | KE9MA |
| Deb Kroll | N9EIL |
| Frank Podach | N9JQR |
| David Tamres | KB9IIF |
| Ron Howe | NJ9H |
| Dave Golla | N9OUT |
| John Feltz | WA9LWJ |

Respectfully Submitted:
Mary Eiden, KA9FAS, Secretary

Attention Participating Clubs

• Beginning with the February issue, *BSSS* will be mailed second class, not third class. This should speed delivery greatly and so help us to serve you better.

• Please try to send your club's minutes to K9ZZ no later than five days after your club's meeting. Send them on disk (5 1/4" or 3 1/2"), send them by modem to the RF Deck landline BBS at (608) 356-4777, or, as a last resort, hard copy to K9ZZ. Always include hard copy with a disk file. We can import most word processor formats except Microsoft Word 6.0. If in doubt, send your file in ASCII. Your cooperation will help us to meet print deadlines, again serving your club's members better.

Quarter Century Wireless Association Southern Wisconsin Chapter 162

Larry McCalvy, WA9JMO
5400 Six Mile Road
Racine, WI 53402



Our Christmas party, held at Racine's Channings Restaurant, was a gala success. The 27 members, spouses, and guests in attendance enjoyed a well-prepared sit-down dinner, fine conversation, and an exchange of gifts that everyone seemed pleased with. A special thanks to Bill, W9ERG, and Jean Hawes for the donation of two home-made cakes. I believe Jean did all the work, but I could be mistaken. Next time, I'll have to ask so I can get all my ducks in a row and in the proper order.

Please note! Our January 1995 meeting will take place on the 4th Monday of the month - January 23, 1995 at the Southport Restaurant's back room, in Kenosha, beginning at 7 p.m. The restaurant is located at the intersection of Highway 50 and 47th Avenue.

Again in 1995, the Chapter will host six social events, beginning with a Valentine's bash at a restaurant to be determined, and a date (Sunday afternoon) of the 12th or 19th of February. Our Anniversary outing in April on Sunday, April 17th, the 3rd annual Mosquito Awareness outing at the home of Ken, N9NBC, and Margaret Knoff on Monday, the 19th of June, and our annual picnic at the home of Larry, WA9JMO, and Wendy, N9PAC, on Sunday, the 20th of August, round out the warm weather activities.

Our annual meeting, where the Chapter picks up the tab for our meal, will be

held on the 15th of October. Oh, by the way, all of the above dates are subject to change. So, when marking your calendars, mark them in pencil - easier to change.

Speaking of meetings, our general business meeting for March will be held at the Meadows Restaurant on Highway K in Franksville; details will be in next month's article.

Chapter 162 will again co-host, with the Racine Megacycle Club, a 12-week Amateur Radio course at the Racine Red Cross building, beginning Thursday, March 2nd at 6 p.m. for code and 7 p.m. for theory. I am looking for instructors and students.

The Southeastern Wisconsin Amateur Radio Banquet is to take place on the 25th of February, 1995, at Ensenada's Restaurant in Racine. Flyers are available from our Secretary/Treasurer, Bob Jensen, W0WLN, with a clip and mail reservation form. We will be handing them out at all get-togethers up to the great event. Also, please remember I need, in writing, your nominations for Ham Radio awards by the end of January, 1995. If you have a nominee in mind, why not write up the particulars and mail it to me today?

As we move into 1995, I would like to wish you and your loved ones a healthy, joyous, and prosperous New Year.

73, Larry McCalvy, WA9JMO

Washington County Amateur Radio Club

Continued from page 10

thanking those hams who helped in the

Hartford Christmas parade. (Thanks Walt, N9LLS, for organizing this). Mike, N9NBN, reported it worked out well where 7 to 8 amateurs participated.

A motion was made by Sherm, W9NGT, to close the meeting. It was seconded by Marty, WD9BCV. The motion passed.

The program was on repeater

coordination by Nels Harvey, WA9JOB.

BREAKFAST SCHEDULE SATURDAY AT 10 A.M.

Jan 7 Fay's in West Bend
Jan 14 Jimmy's in Jackson
Jan 21 Coru Fu in Richfield
Jan 28 Slinger Inn in Slinger



SHEBOYGAN

County Amateur Radio Club

Mike Musiel, KF9SJ, Secretary
N9001 Dairyland Rd., Cleveland, WI 53015

The December 13, 1994 meeting of the Sheboygan County Amateur Radio Club was called to order by Steve, KF9-KZ. The SCARC meets at the Red Cross Building, 2032 Erie Ave., Sheboygan, WI at 7 p.m. on the second and fourth Tuesday of each month.

NETS

All properly licensed Amateurs are welcome to check in to the three nets listed below. These nets are designed to be a social get together, while getting club members comfortable with proper net operation.

Sunday Morning Coffee Clutch, 75 Meters. Meets at 8 a.m. local time around 3.860 MHz (LSB). Tune up or down slightly and listen for the net.

Sunday Night Packet Net. Meets at 6:30 p.m. local time. Connect to WISHEL (NF9R-8, 144.99 MHz, 1200 baud), then connect to SHEBBS. Once logged into the BBS, enter the conference mode by typing C <enter>.

Monday Night Fun Net. Meets at 7 p.m. local time on 147.06 MHz (+107.2PL). All Hams with a Technician class or higher Amateur Radio license are welcome to check in.

of the club. The contest was to write down the call sign and name of the homes occupants. The prize was an ARRL antenna book. Penny did a good job of stumping the group. Steve, KF9KZ, was the winner of the book.

Due to the holidays, it was decided to cancel the formal business meeting of the club on December 27.

ANNOUNCEMENTS

1994/1995 Banquet will be held at Klemme's Wagon Wheel on Friday February 17, 1995. Cost is \$25.00 /Couple, \$12.50 /Single. Contact Steve, KF9KZ, as soon as possible for reservations if you have not already done so.

BREAKFASTS

SCARC members meet every Saturday for breakfast at 8 a.m. at various restaurants in the area. All are welcome to attend. Tune into the Monday Night Fun Net for details of the next breakfast. The second Saturday is now a combined Manitowoc/Sheboygan breakfast that meets at the Cleveland Family Restaurant. Sixteen members and spouses attended the December meeting.

SCARC CALENDAR

Jan. 10: January Meeting, Homebrew Night, and showing of Field Day Video.

Jan. 14: Manitowoc/Sheboygan breakfast. Held at the Cleveland Family Restaurant.

Jan. 24: Business meeting, 7 p.m. at the red cross building.

Feb. 17: 1994/1995 SCARC Banquet.

Submitted by
Mike Musiel, KF9SJ, Secretary

MEETING SUMMARY

The only new business from the business meeting of November 22 was a motion to purchase more chairs for the club. This item was passed by the board, and additional chairs were purchased before the December 13 meeting.

The presentation for the December 13 meeting was given by Penny, N9TCF. The much-awaited Slide Show Contest had finally arrived. Penny started the presentation by explaining that she had taken a series of photos of active Amateur Radio Operators homes in Sheboygan County. These Hams were not necessarily members

Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

MEETING/CHRISTMAS PARTY DECEMBER 12, 1994

This was the final meeting of the club this year, and no formal meeting took place. This is also my final letter to the BSSS as the club's secretary, with newly elected Alex, N9RGX, taking over as club secretary next meeting in January 1995.

The meeting event started with every-one meeting at the Packing Room, which is a restaurant by Root River and the Lake in Racine. There was good participation with hams and their spouses, children, and other relatives filling the two trolley buses which were part of the main event for the evening. At 7 p.m., the restaurant started serving meals. There was unlimited chicken and trimmings, so none left starving. At 8 p.m. the buses were boarded and the main event started. The trolley buses were very nice, with interior of selected wood and spine-jarring wooden benches. The "air conditioning" from the summer was still working, so it took me and my XYL some time to thaw our feet. It felt like the faster the bus drove, the more the "A/C" worked. Well, after we only stayed in the trolley an hour, so we survived and enjoyed the event.

The tour began with driving by the Christmas House on Main Street, and continued State Street to Independence Drive on the north side of Racine where, for several years, there have been spectacular light displays. The snow added to the look and enhanced the various displays.

We toured the streets where houses

HAM CALENDAR Courtesy Racine Megacycle Club

| | | |
|-----|----|--------------------------|
| Jan | 8 | Hamfest at Waukesha |
| Feb | 26 | Hamfest at New Berlin |
| Feb | 28 | Hamfest at Eau Claire |
| Mar | 26 | Hamfest at GraysLake |
| Apr | 2 | Hamfest at Madison |
| May | 6 | Hamfest at Cedarburg |
| May | 13 | Hamfest at Manitowoc |
| Jun | 11 | Hamfest at Stevens Point |
| Jul | 30 | HAMFEST RACINE! |

attractions, and there was Christmas music piped into the bus.

Next, we drove to the famous Wheary Lights that now are shown every year at the Racine Zoo. We finally ended up at the restaurant again after approximately one hour.

There is a very reasonable price for the meal and ride, so I encourage you to try it next year.

With this, I end my last letter to all of you, and thank you for your patience despite the errors and misspelled call signs.

Respectfully submitted:

Mancorad Radio Club

Eric Rugowski, WD9IAB, Secretary
P.O. Box 204 • Manitowoc, WI
54221-0204



2-Meter Repeater: 146.01 Input/146.61 Output

MEETING MINUTES DECEMBER 14, 1994

The meeting was called to order at 7:40 p.m. Club Secretary Eric, WD9IAB, read the minutes for the November meeting. The minutes were approved as read to the club. Treasurer Glenn, AA9MT, read the treasurer's report. This was also approved by the club.

OLD BUSINESS

The club's Christmas Banquet has been scheduled for February 11 at Cedar Ridge Restaurant in Maribel (it is hoped that be having the banquet on this date, people won't have to worry about fitting it into hectic holiday schedules, and it will be a welcome diversion during the winter "doldrums"). The cost is \$8.50 per person, and the meal will be chicken and tenderloin tips. Payment before January 12 would be greatly appreciated (so Cedar Ridge can more easily plan how much to cook). Pay Treasurer Glenn, AA9MT, or send payment plan to the club's P.O. Box (the address is MANCORAD, P.O. Box 204, Manitowoc, WI 54221-0204).

NEW BUSINESS

Licensing classes for Novices and Technician licenses will be offered again. They will start on January 10. If you know anybody who is interested in obtaining their Novice or Technician license, please let them know about this. Information about these classes, will also be published in the *Manitowoc Times Reporter* and the *Lakeshore Chronicle*. If you have any questions about the classes, contact Ron, WS9X, Barney, N9XER, or Eric, WD9-IAB.

Clancy, KB9ECW, is offering a class on basic computer usage, and packet operation to club members. The classes will cover such things as basic MSDOS commands and packet commands. Club members who are interested should contact Clancy.

The club voted to send flowers to

Carl, KA9ZTF, to express sympathy about the death of his mother-in-law. Please accept the club's condolences, Carl.

John, NZ9Z, informed the club that our sister club in Sri Lanka needs a VHF/UHF SWR meter. The club voted to approve funds for the purchase, and shipping of the meter to Sri Lanka (the meter was purchased on Dec. 17 at AES in Milwaukee by Eric, WD9IAB, and should be shipped out by the beginning of January).

The meeting adjourned at 8:09 p.m. Refreshments were served, and John, NZ9Z, showed a video about Father Moran, 9N1MM, who, until his death a few years ago, was the only licensed ham in Nepal.

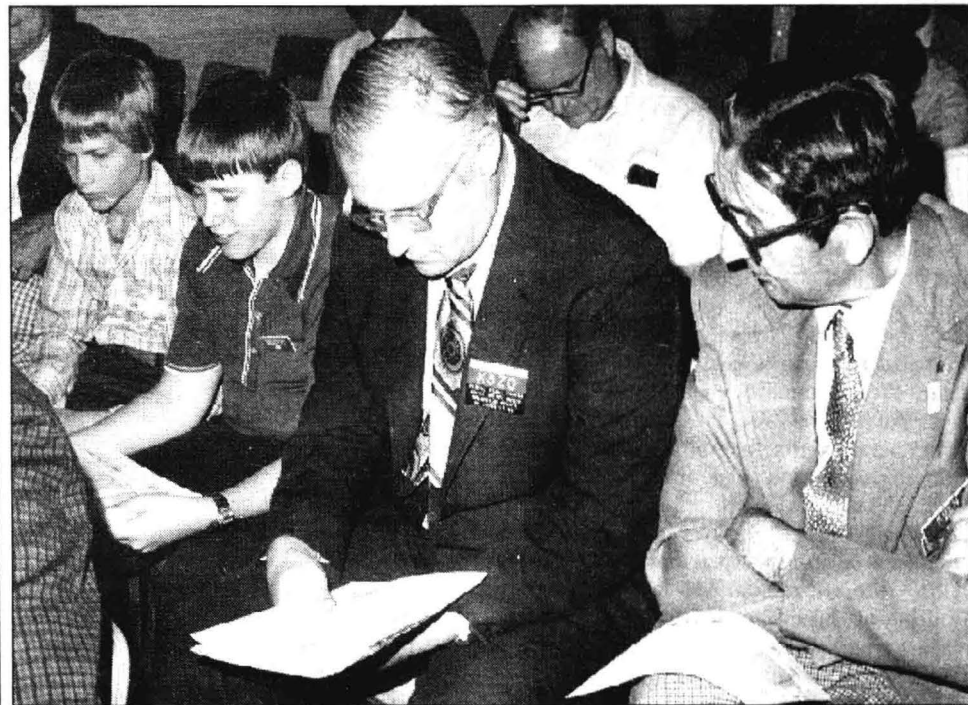
73, CU down the log.

Eric Rugowski, WD9IAB
MANCORAD Secretary

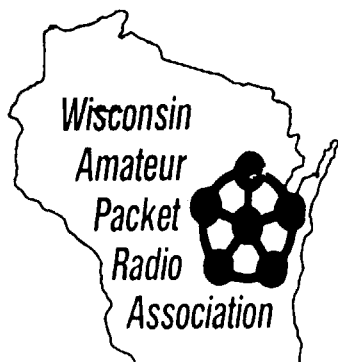
MEETING ATTENDEES December 14, 1994

| | |
|----------|--------|
| Sharline | N9PZT |
| Terry | N9XCQ |
| Jim | N9KKX |
| Cheryl | N9UGA |
| Gene | W9TQV |
| Willie | KE9YD |
| Howard | WB9OBX |
| Ken | KB9ECW |
| Clancy | N9UGI |
| Dave | N9JZZ |
| Mark | N9PBL |
| Steve | N9XEV |
| Jeff | KB9INK |
| Bob | N9IQZ |
| Janice | WS9X |
| Ron | N9GHE |
| Red | K9HAG |
| Ken | KB9GOY |
| Mary | N9QFO |
| Len | N9QFX |
| Paul | KA9EAX |
| Dan | NZ9Z |
| John | AA9MT |
| Glenn | WD9IAB |
| Eric | N9XER |
| Barney | |

From the Photo Files



While it's uncertain exactly when and where this photo was taken (possibly at the W9DXCC DXers' bash in Illinois), it's surely not exactly a 1994 picture. Seated in a row, from left to right, are John Hansel, WB9TIG, originally of Baraboo; Bob Johnson, WB9YXY, Endeavor, now on the DXCC Honor Roll; Fred Laun, K3ZO (originally W9SZR from Kiel, Wisconsin); and Ken Ebnetter, K9EN, of Portage, WI. John is married and lives in the Fox Valley. Fred has been in and operated from more DX locations than most of us will ever see (or maybe even hear of), including the Dominican Republic, Colombia, Argentina, Viet Nam (prior to 1975), and Thailand, and there are some we probably missed. Fred married a Thai woman, and has been visiting there and doing some operating from HS recently. He usually turns in big scores in the major DX contests from K3ZO. A fair guess at the year of the picture would be in the mid-



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

Ted Heilmann, N9LLT
921 8th Avenue • Grafton, WI 53024 •

Joel Papke, N9BQM, Editor, 7968 Ubinger, Pittsville, WI 54466

Didja catch-it?

Yep, plenty good stuff circulating around about the Wisconsin Association for Packet Radio lately. Some good thoughts by Andy, KB9ALN and Kuby, N6JSX have been published in Badger State Smoke Signals and circulated around the state via packet. In addition, a letter from John, WB9SMM, our Wisconsin SEC was published in the December edition of BSSS. All of these point to a common theme...mutual support statewide for a better digital network.

It's not my network or your network... it's OUR network. We all share in its accomplishments and all share concerns for its failures. Because it is OUR network, we need support the statewide association that formed it from the beginning and will mold it in the future. WAPR is OUR association.

The same association that brought the packet revolution to Wisconsin will lead the way for the way for the future too. Individual efforts abound in our great state toward all sorts of new and innovative ideas. We have been fortunate to have some of the most involved and intelligent people in the WAPR organization. They are also the some of the most courteous and helpful folks who have put forth a lot of effort to assist others in getting involved in digital communications.

If you haven't gotten involved in WAPR, now is your opportunity. It is undergoing some major changes and every single packet operator in the state should be part of it. Support packet in Wisconsin by supporting WAPR... and read again the BSSS articles reprinted on packet by WD9ESU or check October and December BSSS.

Merry Christmas to all packet people!
73 Kent W9LZQ, Chairman, WAPR

Wapr Minutes

Minutes from the October 8th, 1994 WAPR meeting, submitted by Tom Landmann, WAPR Secretary. The next meetings minutes will be transcribed from tape, rather than my poor notes, and so should be more complete and timely. My apologies.

The meeting was held 10/08/94 in the Plover Municipal Building.

Meeting was called to order at 10:00am.

Minutes from the June meeting were read and unanimously approved.

Treasurer's report was submitted by N9LLT and unanimously approved.

Motion was made to approve purchase of 6m crystals for Pittsville. The purpose of the 6m is to replace the link to the north. Motion seconded and unanimously approved.

Note: Equipment donations should be directed to Kent W9LZQ.

A motion was made to raise WAPR dues. N9LLT motioned to table discussion of dues till last meeting of fiscal year. N9UDL seconded motion. Unanimous approval.

Discussion of of TheNet X1Jv2 leads to motion by N9CFN that WAPR officially recommend the X1Jv2 software for use with WAPR networks. N9LLT comments that an explanation of this recommendation be written up and published in Smoke Signals. Motion passes unanimously.

KE9LZ will burn EPROMs with X1J firmware:
Steve McDonough KE9LZ
445 S St. Bernard Drive
DePere, WI 54115
414-336-9441

Status of WAPR networks: Slinger nodestack

to be down soon. WB9TYT BBS also going down soon. Motion to express thanks to Dan WB9TYT for years of service. Unanimous approval.

Discussion of site fees due. W9LZQ says these fees should be reviewed and approved annually. N9LLT motions that we should pay Meteor Hill bill, provided it is equal or less than last years bill. Unanimous approval.

Publications and Publicity: N9BQM will be updating the WAPR map (previously maintained by Joel K9MLD), creating brochures, etc. Discussion of current brochure by N9LLT followed.

Regional assistants to the frequency coordinator were selected.

What is WAPR? / Membership Expansion: Discussion of WAPR's financial need, need for more members. "Pulling the plug" ie. terminating BBS and network services is advocated by some members. W9LZQ suggests that pulling the plug may not be best. N9UDL suggests unbundling BSS, lowering dues and marketing.

Future Meetings: January meeting to be at Waukesha swapfest, April meeting at Madison swapfest.

THE TEST POINT (continued from page 3)

GENERAL RULES FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walkins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.90 payable to "ARRL/VEC".

The FCC now requires applicants to show

their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)

OAK CREEK, WI (SWAT -MRAC/VEC)

FIRST SATURDAY DATES (No exams June, July or August. May exam on 2nd sat at 1:00 p.m.): 3:30 p.m. at 6560 S. 27th St., Oak Creek, WI. (2 -blocks south of College.) (MRAC fee \$5.00)

THIRD WEDNESDAY DATES: At 6:30 p.m. Manor at Park, 3023 S 84th St., West Allis, WI.

LAST SATURDAY DATES (except December): 9:00 a.m. at 7500 W. State St., Wauwatosa S&L, lower level, Wauwatosa, WI.

For Additional Information Contact; Jack Krause, (414) 774-6999 or call (414) 466-HAMS (Answering Machine) or write MRAC, 1737 N. 116th St., Wauwatosa, WI 53226.

Bring along your ORIGINAL license, CSCE and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required is \$5.00 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, or Les Peterson, W9YCV at the addresses shown above.

BADGER EXAMINERS (BE) - MILWAUKEE

Amateur exams: 1:00 p.m. to 4:00 p.m.

Commercial exams: 9:00 a.m. to 12:00 noon.

Unless otherwise noted at WMVS-TV studios, MATC Downtown campus in the C building. The address is 1036 N. 8th Street, Milwaukee. Enter at the North West entrance of C Building. Walk-ins are welcome. To register in advance, send a post card with your name, test or tests you wish

WISCONSIN AMATEUR PACKET RADIO MEMBERSHIP APPLICATION

PLEASE PRINT

NAME: _____ CALL: _____ HOME PHONE: (____) _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
HOME BBS: _____ FREQ: _____ (Listing your HOME BBS is important)
Your HOME BBS should be a full service BBS, not your TNC's mailbox.
MY PACKET STATION OPERATES: _____ DAY _____ NIGHT _____ 24HRS
I OPERATE A _____ DIGIPEATER WITH ALIAS OF _____
_____ FULL SERVICE BBS
PRIMARY PACKET INTEREST/EXPERTISE IS: _____

☐ YES I want to receive Badger State Smoke Signals and I understand that part of my dues goes to pay this subscription.

☐ NO I do not wish to receive Badger State Smoke Signals as a part of my WAPR membership.

COMPLETE and return this form with your check or money order for
\$15.00 made payable to W.A.P.R.

to: Ted Heilmann, N9LLT, 921 - 8th. Avenue, Grafton, WI. 53024

to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Garv J. Sharbuno, WI9M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

Also available FCC General Radio Telephone Commercial exams. Fees are \$5.90 for the Amateur Radio exams and \$35.00 for the commercial exams.

MADISON, WI

VE exams are held in Madison every second Saturday morning (September through May) of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original licence and a copy of your licence. For exams beyond the novice tests, bring a check for \$5.90, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark Jenks, N29B

RIVER FALLS, WI

Held in the church basement at the United Methodist Church, 127 South 2nd St., River Falls, WI. Contact: Chuck Kelly, KA9YRV, 234 W Cascade Ave., River Falls, WI 54022.

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted.

Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633.

STEVENS POINT, WI

Contact: Joe Larson, N9JW. (715) 344-1182.

APPLETON, WI - ARRL/VEC

MANITOWOC, WI (HAMFEST)

KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All test session in Appleton are held at James Madison Jr. High, 2020 S. Carpenter Street. Candidates check in between 8 and 9 a.m. with testing starting at 9 a.m. No walk-ins after 9 a.m. Contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (414) 730-0967.

MENOMONIE, WI

The Menomonie VEC will be sponsoring exams from 9:00 to 11:30 a.m. at the UW Stout Communication Center, 820 South Broadway, Menomonie, WI. Use the north entrance. Walk-ins only. Contact Jim Ley, NX9F. Work: (715) 232-1397, Home: (715) 235-3998.

RIVER FALLS, WI

Exams are held in the church basement, at the United Methodist Church, 127 South 2nd St., River Falls, WI. Contact: Chuck Kelly, KA9YRV, (715) 425-2428.

MARSHFIELD, WI (ARRL/VEC)

Sponsored by the Marshfield Area ARS. Held at St. Joseph Hospital, 611 St. Joseph Ave., in the 1 West classroom located adjacent to the Westwood Cafeteria on the main floor of the hospital. Use the main entrance or any other entrance and follow the signs to the cafeteria. Registration starts at 8:30 a.m. with testing starting at 9:00 a.m. Talk in on the 147.18

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call) • K9ODK (Robert L. Prine Memorial Call)



Raymond J. Matlosz, N9MLZ, Secretary

450 West 2nd Street • Reedsburg, WI 53959



The December 16, 1994 meeting of the Yellow Thunder Amateur Radio Club, Inc. was a 25th Anniversary Celebration/Christmas dinner held at the Old Hi-Way House in West Baraboo, Wisconsin.

Neither the minutes nor the financial report were given/voted on during this "meeting".

OLD BUSINESS: None

NEW BUSINESS: A request was received from ARRL regarding club donations to offset costs of publishing the Archie comic book on ham radio. The club officers decided to contribute twenty-five dollars to ARRL. A letter was received from Kenwood Communication Corporation asking if the club would be interested in receiving mailings from Kenwood. The secretary was directed to express our interest in being on their mailing list. Following the buffet dinner, Art Kleefisch, W9WSS set up a slide projector and slides he brought in to show the members. James Romelfanger, K9ZZ provided an interesting, informative narration along with a few humorous lines to keep the after dinner crowd interest.

Jim had also brought in a scrap book of club activities that went back a few years.

A good time was had by all.

There was no buck night drawing.

Meeting adjourned at 9:00 p.m.

The next meeting will be held Tuesday

January 17, 1995 at 7:30 p.m. at the Baraboo Civic Center.

Sincerely,

Raymond J. Matlosz, N9MLZ, Secretary

There were about 24 members and guests present which included:

| | | |
|-------------------|--------|------------|
| Steve Schulze | N9UD0 | Baraboo |
| Jim Romelfanger | K9ZZ | Baraboo |
| Art Kleefisch | W9WSS | Baraboo |
| Jim Decker | WB9UQT | Baraboo |
| Duane Grotophorst | WA9HKL | Loganville |
| Bill Klinkner | N9KXX | Sauk City |
| Anne Klinkner | N9PQL | Sauk City |
| Raymond Matlosz | N9MLZ | Reedsburg |
| Bill Hommel | KA9QFJ | Baraboo |
| Domenic Bianco | KA9QFK | Reedsburg |
| David Spearing | KB9CSW | Portage |
| George Gabay | N9QQR | New Lisbon |
| Thomas Harrison | N9PQJ | Reedsburg |
| Pete Sweeney | WD9JIB | Reedsburg |
| Robert Suavan | WT9Q | Sauk City |
| Iona Neimeyer | | Portage |
| Virginia Kuhn | | Portage |
| Beverly H. Grant | WB9ZBS | Oxford |
| Ken Ebnetter | K9EN | Portage |

Marshfield repeater. Walk-ins welcome. Contact: Walter Friant, WB0KIN, 2310 Wallonie Drive, Marshfield, WI 54449 (715) 387-3870.

GREEN BAY, WI (ARRL/VEC)

Contact N9NOF, Keith Summers, 918 Bluebird St., De Pere, WI 54115. (414) 336-6087, after 4:00 p.m.

OSHKOSH, WI

Winnebago County ARC, Oshkosh Armory, 1415 Armory Place. Registration at 8:00 a.m. with testing at 9:00 a.m. Contact AA9BA, (414) 685-5018 or KB9IME, (414) 233-7158.

KAUKAUNA, WI - SWAPFEST

MANITOWOC, WI, LAKESHORE HAMFEST

RACINE, WI - BIG BOY TOY SHOW

RHINELANDER, WI - NWARC SWAPFEST

STEVENS POINT, WI - CWRA SWAPFEST

WAUKESHA, WI - KMRA SWAPFEST

WAUKESHA, WI - MIDWINTER SWAPFEST

EAU CLAIRE, WI - ECARC HAMFEST

SOUTH MILWAUKEE, WI - SMARC HAMFEST

CEDARBURG, WI - ORC HAMFEST

ROCKFORD, IL - RARC HAMFEST

See the Swapfest column for additional information and contact persons.

GREAT RIVER AMATEUR RADIO CLUB

DUBUQUE, IOWA - ARRL/VEC

The Great River Amateur Radio Club VEs are now field stocked, which means retests can be given immediately.

Exams are held at 9:00 am at the Central Fire Station, 9th and Central in Dubuque. Use the basement entrance on 9th street. For more info, contact: Carl Clark, NOKAX, 145 Delicia Drive, Dubuque, IA 52001. Or call Carl at 319-557-9149. Talk-ins are on the 147.84/24, 147.63/03 and 146.295/895 repeaters.

Contact: Arthur A. Evans, KA9KLZ, 213 N Jefferson St., Cuba City, WI 53807-1558, (608) 744-2704

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (W5YI VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Dennis G. Eksten, W9SS, (815) 877-6768.

FOR SALE: Package deals of electronic material - Bring you truck and trailer - Reasonable prices. Will trade for metal-working tools and tooling, etc. Unusual items. Dave Boyce, WB9QYJ, 1159 Hobart, Green Bay, WI 54303 (414) 499-7887.

FOR SALE: Yeasu FT-101-EE transceiver, 110/+12 volts. Built in power supply, 160 thru 10 meters, with manual. The sale includes a hand mike and a D104 type desk mike. SWR bridge and length of coax. Asking price is \$350.00. Contact Mrs. Ernestine Just, Lodi, WI, (608) 592-7008 for directions if interested. (note. The preceding is an estate sale.)

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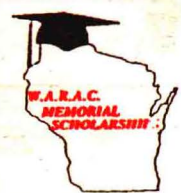
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SWAPFESTS



**23rd ANNUAL MIDWINTER
SWAPFEST**
WAUKESHA EXPOSITION CENTER
WAUKESHA, WISCONSIN

**SUNDAY
JANUARY 8, 1995**

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MADISON SWAPFEST**
APRIL 2, 1995

Dane County Expo Center
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**SOUTH MILWAUKEE AMATEUR RADIO CLUB
SWAPFEST 95**
July 8, 1995
(Held every July)
American Legion Park
Shepard Avenue • Oak Creek, WI
(414) 762-3235 Extension 58
P. O. Box 102 South Milwaukee, WI 53172

Fox Cities Hamfest
November 5, 1995

Starlite Club, Hwy. 55 north of Kaukauna

HAMFEST INFO:
Dan Vanevenhoven, N9LVS
2410 E. Newberry Ct.
Appleton, WI 54915
414-739-5101

EXAM INFO:
Larry Siebers, KD9IA
414-788-3823

**Lakeshore Hamfest
& Computer Swapfest**

Manitowoc County Expo
Intersection of Hwys 42-151 and I-43 on Cty Highway R
Saturday, May 13, 1995

For more information, call:
Ron, WS9X: 414-793-4733 (Nights)
Red, N9GHE: 414-684-9097
ManCoRad Radio Club • P.O. Box 204 • Manitowoc, WI 54221-0204

**HAMFEST
COMPUTER EXPO
ANTIQUÉ RADIO SHOW**
SATURDAY, AUGUST 26, 1995
OMNI CENTER • ONALASKA, WI
2.5 MILES NORTH OF LA CROSSE ON HWY. 35
RIVERLAND AMATEUR RADIO CLUB
WESTERN WISCONSIN ANTIQUÉ RADIO COLLECTORS CLUB
CALL DICK LOW, K4JYB, 1-608-784-9176
1520 NAKOMIS AVENUE, LA CROSSE WI 54603

**18th Annual
CWRA Swapfest**
Sunday, June 11, 1995
8 a.m. to 2 p.m.

UNIVERSITY CENTER, U.W. STEVENS POINT
Info: Art Wysocki, N9BCA (715) 344-2984
3356 April Lane Stevens Point, WI 54481

**EAU CLAIRE
AMATEUR RADIO CLUB**

Chippewa Falls Fairgrounds
Mike Ceraso, N9JMA 2432 Shafer Road
(715) 723-9205 Eau Claire, WI 54729

RACINE HAMFEST 95
July 30, 1995

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Between Highway 20 and Highway K
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Ozaukee Radio Club
**17TH ANNUAL RADIO AND
COMPUTER SWAPFEST**
Saturday, May 6, 1995

8 a.m. to 1 p.m. • Circle B Recreation Center
Intersection of Highway 60 and County I
Exams by Badger Examiners, c/o Gary Sharbuno,
5119 W. Willow Rd., Brown Deer, WI 53223
Swapfest sponsored by Ozaukee Radio Club
11448 N. Laguna Drive • Mequon, WI 53092

Kettle Moraine Radio Amateurs

Waukesha County Expo Center
Info: KMRA Swapfest P.O. Box 411
Waukesha, WI 53187-0411

Red Cedar Repeater Association, Inc.

AUCTION
February 28, 1995 • 7:00 p.m.

American Legion Post 53 • 634 Water Street
Eau Claire, WI

CONTACT:
Steve Hart, KA9OMC 715-665-2374
E616 810th Ave. Knapp, WI 54749

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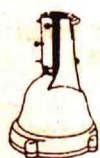
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